

Jersey Central Power & Light Company
2021 RAC Minimum Filing Requirements

4. For each of the same three MGP sites, provide expense documentation for any contractor or supplier whose invoices for the RAC period exceed \$250,000 in aggregate. The expense documentation should include descriptions of services rendered, applicable invoices, and any tracking of invoiced charges vs. budgets. The expense detail need not include expense reports or time sheets, but it should include supporting documentation for any subcontractor and third party expenses totaling \$100,000 or more for the period.

Response:

Contractors or suppliers for the Boonton, Dover and Newton II MGP sites whose invoices for the 2021 RAC period exceeded \$250,000 in aggregate were as follows:

- **Boonton – Arcadis US, Inc.** invoices totaling \$524,381.19 for the 2021 RAC period are provided in **Attachment MFR-4a**. These packages include the monthly invoice, budget tracking table and project schedule for the work being performed during the invoice period. Descriptions of the services performed are noted in these materials.
- **Dover – AECOM Technical Services, Inc.** invoices totaling \$ 721,467.28 for the 2021 RAC period are provided in **Attachment MFR-4b**. These packages include the monthly invoice, budget tracking table and project schedule for the work being performed during the invoice period. Descriptions of the services performed are noted in these materials.
- **Newton II – Schenck, Price, Smith & King, LLP** wire transfer to escrow account for purchase of property located at 21 E. Clinton Street, Newton, NJ totaling \$557,200.00 for the 2021 RAC period is provided in **Attachment MFR-4c**.

Jersey Central Power & Light Company
2021 RAC Minimum Filing Requirements

Attachment MFR-4a

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
300 Madison Ave
Morristown, NJ 07960-6169
United States

Arcadis U.S., Inc.
Bank of America
Acct: 8188093937
ACH: 071 000 089 Wire: 026009 593
SWIFT: BOFAUSSN
Remit-mailbox@arcadis-us.com
62638 Collections Center Drive
Chicago, IL 60693-0626

Invoice Date	22-Jan-2021	Invoice Number	34211911
Payment Term	45 days	Due Date	08-Mar-2021
PO# 55115885			
Arcadis Reference Number	MD001134.0001	Project Number	30015927
Arcadis Reference Name	MD001134.0001-JCPL/BOONTON, NEW JERSEY	Project Name	MD001134.0001-JCPL/BOONTON, NEW JERSEY
Services Through	31-Dec-2020	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 31-Dec-2020

received 1/22/21

Project	Task	Contract Line			
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00004 - Project Management	5 - MD001134.0001/00004			
Labor					
Employee Name	Quantity	UOM	Rate	This Invoice	
Jones Jackson, Legenetta	4.25	Hours	43.00 ✓	182.75	
Collins, Lisa	1.50	Hours	43.00 ✓	64.50	
Sawyers, Douglas	0.50	Hours	184.00 ✓	92.00	
Maza, David	0.60	Hours	115.00 ✓	69.00	
Cuccuini, Jeremy	8.00	Hours	127.00 ✓	1,016.00	
Scillieri, Darren	2.50	Hours	138.00 ✓	345.00	
	<u>17.35</u>			<u>1,769.25</u>	USD
Total This Task				<u>1,769.25</u>	USD

Project	Task	Contract Line			
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00014 - Pre-Design Investigation	15 - MD001134.0001/00014			
Labor					
Employee Name	Quantity	UOM	Rate	This Invoice	
Santos, Leonela	1.40	Hours	43.00 ✓	60.20	

Bank Name: BANK OF AMERICA N.A. Bank/Branch Code: BOFA-026009593
 Account No.: 8188093937 SWIFT: BOFAUS3N
 Remittance Address: Remit-Mailbox@arcadis-us.com
 Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.

approval stamp on 4th page

ONeill, Paul	2.00	Hours	71.00 ✓	142.00
Meyer, Julie	2.50	Hours	65.00 ✓	162.50
Maza, David	9.60	Hours	115.00 ✓	1,104.00
Cuccini, Jeremy	7.00	Hours	127.00 ✓	889.00
Foos, Patrick	3.00	Hours	90.00 ✓	270.00
Everett, Leslee	10.00	Hours	97.00 ✓	970.00
	35.50			3,597.70 USD
Subcontracting				5,536.18
Other Reimbursable Charges				14.76
Total This Task				9,148.64 USD

Project 30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	Task 00015 - GW Containment System Design	Contract Line 20 - MD001134.0001/00015
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Labor	Employee Name	Quantity	UOM	Rate	This Invoice
	De Sonier, James	4.50	Hours	71.00 ✓	319.50
	Fuller, Andrew	40.00	Hours	132.00 ✓	5,280.00
	Sanchez, Adriana	30.00	Hours	109.00 ✓	3,270.00
	Bucek, Michael	1.50	Hours	109.00 ✓	163.50
	Mauk, James	1.00	Hours	71.00 ✓	71.00
	Sanchez, Adrian	38.00	Hours	65.00 ✓	2,470.00
	Maza, David	0.50	Hours	115.00 ✓	57.50
		115.50			11,631.50 USD
Total This Task					11,631.50 USD

Project 30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	Task 00016 - Permitting an Compliance	Contract Line 21 - MD001134.0001/00016
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Labor	Employee Name	Quantity	UOM	Rate	This Invoice
	Fuller, Andrew	8.00	Hours	132.00 ✓	1,056.00

Wolman, William	1.00	Hours	109.00 ✓	109.00
Sanchez, Adrian	3.00	Hours	65.00 ✓	195.00
Cuccurini, Jeremy	10.00	Hours	127.00 ✓	1,270.00
Wolman, William	6.00	Hours	97.00 ✓	582.00
	<u>28.00</u>			<u>3,212.00</u> USD
Total This Task				<u>3,212.00</u> USD
Total This Project				<u>25,761.39</u> USD
Total This Invoice				<u>25,761.39</u> USD

Total This Invoice _____ 25,761.39 USD

SFS# 1121492103 Fax# 38044793
pay mley \$25,761.39

APPROVAL STAMP	
P.O. NO. <u>55115885/1</u>	INV. NO. <u>34211911</u>
COMPANY CODE: SCOO	COST CENTER _____
COST ELEMENT (GL ACCT.):	<u>550300</u>
ORDER: <u>3001017</u>	WBS: _____
APPROVED BY:	EMP. NO.:

J. Ruse C10093 2/9/21

Project 30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	Task 00004 - Project Management	Contract Line 5 - MD001134.0001/00004
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Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
62553 - Jones Jackson, Legenetta	11/23/2020	1.00	43.00	43.00
Invoice preparation, submittal and E-invoicing upload				
62553 - Jones Jackson, Legenetta	12/07/2020	2.00	43.00	86.00
Invoice preparation, e-mail submittal				
62553 - Jones Jackson, Legenetta	12/08/2020	1.25	43.00	53.75
Invoice preparation, e-mail submittal				
23893 - Collins, Lisa	12/10/2020	1.50	43.00	64.50
edit contract and forecast project with change order				
24633 - Sawyers, Douglas	12/15/2020	0.50	184.00	92.00
project reviews - portfolio				
35671 - Maza, David	12/07/2020	0.50	115.00	57.50
review spend estimates, related communications				
35671 - Maza, David	12/09/2020	0.10	115.00	11.50
review LSRPA timeframe extension info from Dave T.				
24518 - Cuccuini, Jeremy	11/25/2020	0.50	127.00	63.50
Project coordination/PM				
24518 - Cuccuini, Jeremy	12/02/2020	1.00	127.00	127.00
weekly team call, PM, budgets and coordination				
24518 - Cuccuini, Jeremy	12/04/2020	1.50	127.00	190.50
2021-2022 cost projections, November invoicing				
24518 - Cuccuini, Jeremy	12/08/2020	1.50	127.00	190.50
November monthly progress report, December accruals				
24518 - Cuccuini, Jeremy	12/09/2020	1.00	127.00	127.00
weekly team meeting, PM coordination				
24518 - Cuccuini, Jeremy	12/10/2020	1.00	127.00	127.00
2021-2022 budget projection estimates				
24518 - Cuccuini, Jeremy	12/16/2020	1.00	127.00	127.00
weekly team call, project coordination/PM				
24518 - Cuccuini, Jeremy	12/23/2020	0.50	127.00	63.50
weekly team call, PM support/project coordination				
24363 - Scillieri, Darren	12/02/2020	1.00	138.00	138.00
project team conference call, project update, team conference call with LSRP re: soils results, delineation, next steps				
24363 - Scillieri, Darren	12/09/2020	1.00	138.00	138.00
project team conference call, project update, team conference call with LSRP re: soils results, delineation, next steps				
24363 - Scillieri, Darren	12/23/2020	0.50	138.00	69.00
project team conference call, coordination				
		17.36		1,769.25 USD
Total Labor				1,769.25 USD
				1,769.25 USD
Total This Task				1,769.25 USD

Project 30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	Task 00014 - Pre-Design Investigation	Contract Line 15 - MD001134.0001/00014
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Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
37350 - Santos, Leonela iron mountain file search	12/03/2020	0.60	43.00	25.80
37350 - Santos, Leonela iron mountain request	12/07/2020	0.50	43.00	21.50
37350 - Santos, Leonela iron mountain request	12/10/2020	0.30	43.00	12.90
38352 - O'Neill, Paul developing soil exceedance figures	11/25/2020	2.00	71.00	142.00
38519 - Meyer, Julie p.oneil- jopl boonton databox fig	11/30/2020	0.50	65.00	32.50
38519 - Meyer, Julie p.oneil- jopl databox figure	12/01/2020	1.00	65.00	65.00
38519 - Meyer, Julie K.DIGORGIO- CEA FIGURES	12/04/2020	0.50	65.00	32.50
38519 - Meyer, Julie p.oneil- jopl boonton databox figures	12/16/2020	0.50	65.00	32.50
35671 - Maza, David coordinate database update and table, coordinate figure update, coordinate with lab on SPLP reporting	11/23/2020	1.00	115.00	115.00
35671 - Maza, David soil figure update	11/25/2020	0.30	115.00	34.50
35671 - Maza, David data evaluation and management, EPH calcs, lab coordination	11/30/2020	1.00	115.00	115.00
35671 - Maza, David coordinate SPLP evaluation, review soil figure	12/01/2020	0.70	115.00	80.50
35671 - Maza, David EPH calcs, call with LE re: SPLP	12/04/2020	0.60	115.00	69.00
35671 - Maza, David vendor invoices	12/08/2020	0.20	115.00	23.00
35671 - Maza, David coordinate figure update	12/11/2020	0.30	115.00	34.50
35671 - Maza, David coordinate database update and soil results table	12/14/2020	0.30	115.00	34.50
35671 - Maza, David data summary email for client, soil data table and database coordination	12/15/2020	2.00	115.00	230.00
35671 - Maza, David review updated soil figure, data summary email for client, data evaluation	12/17/2020	0.80	115.00	92.00
35671 - Maza, David IGW coordination	12/21/2020	0.30	115.00	34.50
35671 - Maza, David communications re: IGW evaluation	12/29/2020	0.30	115.00	34.50
35671 - Maza, David IGW evaluation	12/30/2020	0.80	115.00	92.00
35671 - Maza, David IGW evaluation	12/31/2020	1.00	115.00	115.00
24518 - Cuccini, Jeremy data management/review	12/08/2020	1.50	127.00	190.50
24518 - Cuccini, Jeremy soil data management/review, team follow-up, figure reviews	12/15/2020	2.50	127.00	317.50
24518 - Cuccini, Jeremy soil data review, team follow-up, client summary assistance	12/18/2020	1.50	127.00	190.50
24518 - Cuccini, Jeremy soil data review, summary support and team discussions	12/21/2020	1.50	127.00	190.50
36895 - Foes, Patrick Load EDD and make tables	11/24/2020	1.00	90.00	90.00
36895 - Foes, Patrick Upload soil data and create data tables	12/11/2020	1.00	90.00	90.00
36895 - Foes, Patrick upload NJDEP criteria and prepare data table	12/15/2020	1.00	90.00	90.00

38900 - Everett, Leslee	12/21/2020	3.00	97.00	291.00
review SPLP spreadsheets and start updating with 2020 data.				
38900 - Everett, Leslee	12/22/2020	3.00	97.00	291.00
review SPLP spreadsheets and start updating with 2020 data. generate new spreadsheets for mercury and fluorene				
38900 - Everett, Leslee	12/28/2020	1.00	97.00	97.00
Review SPLP and IGW spreadsheets. Make a new spreadsheet for acenaphthene.				
38900 - Everett, Leslee	12/29/2020	2.00	97.00	194.00
Review SPLP and IGW spreadsheets.				
38900 - Everett, Leslee	12/30/2020	1.00	97.00	97.00
Update and repair SPLP summary table and IGW Spreadsheet.				
Total Labor		<u>35.50</u>		<u>3,597.70</u> USD
				<u>3,597.70</u> USD

Subcontracting

Invoice Number	Invoice Date	Supplier Name	Cost	Times	This Invoice
Subcontractor 10					
0102913	11/23/2020	Hampton-Clarke Inc	2,834.00 ✓	1.0700	3,032.38
0103018	12/10/2020	Hampton-Clarke Inc	2,340.00 ✓	1.0700	2,503.80
Total Subcontracting					<u>5,536.18</u> USD

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Postage / Shipping Charges				
2020_49	12/04/2020	12/04/2020	Fedex ERS	14.76 ✓
Total Other Reimbursable Charges				<u>14.76</u> USD
Total This Task				<u>9,148.64</u> USD

Project 30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY
Task 00015 - GW Containment System Design
Contract Line 20 - MD001134.0001/00015

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
60027 - De Sonier, James QAQC P&ID	12/07/2020	1.50	71.00	106.50
60027 - De Sonier, James Team Meeting, QAQC P&ID and M-# Figures	12/18/2020	3.00	71.00	213.00
35562 - Fuller, Andrew GWTS design review/coord'n	11/23/2020	2.00	132.00	264.00
35562 - Fuller, Andrew GWTS design review/coord'n	11/24/2020	3.00	132.00	396.00
35562 - Fuller, Andrew GWTS design & permitting review & coord'n	11/30/2020	2.00	132.00	264.00
35562 - Fuller, Andrew GWTS design & permitting review & coord'n	12/01/2020	2.00	132.00	264.00
35562 - Fuller, Andrew GWTS design & permitting review & coord'n	12/02/2020	2.00	132.00	264.00
35562 - Fuller, Andrew GWTS design & permitting review & coord'n	12/03/2020	2.00	132.00	264.00
35562 - Fuller, Andrew GWTS design & permitting review & coord'n	12/04/2020	2.00	132.00	264.00
35562 - Fuller, Andrew GWTS design & review, wetlands permitting	12/07/2020	2.00	132.00	264.00
35562 - Fuller, Andrew GWTS design & review, wetlands permitting	12/08/2020	1.00	132.00	132.00
35562 - Fuller, Andrew GWTS design & review, wetlands permitting	12/09/2020	3.00	132.00	396.00

GWTS design & review, wetlands permitting				
35562 - Fuller, Andrew	12/10/2020	1.00	132.00	132.00
GWTS design & review, wetlands permitting				
35562 - Fuller, Andrew	12/11/2020	2.00	132.00	264.00
GWTS design & review, wetlands permitting				
35562 - Fuller, Andrew	12/14/2020	2.00	132.00	264.00
Wetland permitting, design review & coord'n				
35562 - Fuller, Andrew	12/18/2020	2.00	132.00	264.00
Wetland permitting, design review & coord'n				
35562 - Fuller, Andrew	12/21/2020	2.00	132.00	264.00
system design & review				
35562 - Fuller, Andrew	12/22/2020	2.00	132.00	264.00
system design & review				
35562 - Fuller, Andrew	12/23/2020	2.00	132.00	264.00
system design & review				
35562 - Fuller, Andrew	12/28/2020	1.00	132.00	132.00
Design review & coord'n				
35562 - Fuller, Andrew	12/29/2020	3.00	132.00	396.00
Design review & coord'n				
35562 - Fuller, Andrew	12/30/2020	2.00	132.00	264.00
Design review & coord'n				
38481 - Sanchez, Adriana	11/23/2020	1.50	109.00	163.50
design				
38481 - Sanchez, Adriana	11/24/2020	1.00	109.00	109.00
design				
38481 - Sanchez, Adriana	12/01/2020	2.00	109.00	218.00
design, project call				
38481 - Sanchez, Adriana	12/02/2020	1.50	109.00	163.50
design - permitting review				
38481 - Sanchez, Adriana	12/03/2020	2.00	109.00	218.00
Team call - design				
38481 - Sanchez, Adriana	12/04/2020	3.00	109.00	327.00
Mechanical dwgs revisions				
38481 - Sanchez, Adriana	12/08/2020	2.00	109.00	218.00
design				
38481 - Sanchez, Adriana	12/10/2020	2.00	109.00	218.00
design				
38481 - Sanchez, Adriana	12/14/2020	3.00	109.00	327.00
compressors revision, equipment				
38481 - Sanchez, Adriana	12/17/2020	1.00	109.00	109.00
OWS information				
38481 - Sanchez, Adriana	12/18/2020	1.00	109.00	109.00
project all, P&ID				
38481 - Sanchez, Adriana	12/22/2020	3.00	109.00	327.00
design dwgs, equipment				
38481 - Sanchez, Adriana	12/23/2020	3.00	109.00	327.00
design dwgs, equipment				
38481 - Sanchez, Adriana	12/29/2020	2.00	109.00	218.00
design dwgs, equipment				
38481 - Sanchez, Adriana	12/30/2020	2.00	109.00	218.00
design dwgs, equipment				
37071 - Bucek, Michael	12/01/2020	1.50	109.00	163.50
coord call, design updates				
35958 - Mauk, James	12/03/2020	0.50	71.00	35.50
boonton design call				
35958 - Mauk, James	12/18/2020	0.50	71.00	35.50
project status call				
35649 - Sanchez, Adrian	11/23/2020	4.50	65.00	292.50
design revisions				
35649 - Sanchez, Adrian	11/25/2020	4.00	65.00	260.00
design revisions				
35649 - Sanchez, Adrian	12/01/2020	3.50	65.00	227.50
design edits				

35649 - Sanchez, Adrian design edits	12/03/2020	2.50	65.00	162.50
35649 - Sanchez, Adrian design updates/edits	12/07/2020	5.00	65.00	325.00
35649 - Sanchez, Adrian design updates/edits	12/08/2020	2.50	65.00	162.50
35649 - Sanchez, Adrian design updates/edits	12/09/2020	3.00	65.00	195.00
35649 - Sanchez, Adrian design updates/edits	12/10/2020	2.00	65.00	130.00
35649 - Sanchez, Adrian design edits	12/14/2020	3.00	65.00	195.00
35649 - Sanchez, Adrian design edits	12/18/2020	1.00	65.00	65.00
35649 - Sanchez, Adrian design edits/revisions	12/23/2020	3.00	65.00	195.00
35649 - Sanchez, Adrian design revisions	12/30/2020	4.00	65.00	260.00
35671 - Maza, David evaluate RW construction specs	12/31/2020	0.50	115.00	57.50
		<u>115.50</u>		<u>11,631.50</u> USD
Total Labor				<u>11,631.50</u> USD
Total This Task				<u>11,631.50</u> USD

Project 30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	Task 00016 - Permitting an Compliance	Contract Line 21 - MD001134.0001/00016
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Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35562 - Fuller, Andrew Wetland permitting, design review & coord'n	12/15/2020	2.00	132.00	264.00
35562 - Fuller, Andrew Wetland permitting, design review & coord'n	12/16/2020	3.00	132.00	396.00
35562 - Fuller, Andrew Wetland permitting, design review & coord'n	12/17/2020	3.00	132.00	396.00
36946 - Wollman, William Wetlands permit	12/15/2020	1.00	109.00	109.00
35649 - Sanchez, Adrian wetlands permit dwgs	12/11/2020	3.00	65.00	195.00
24518 - Cuccini, Jeremy wetland permit review and support	11/23/2020	2.00	127.00	254.00
24518 - Cuccini, Jeremy wetland permit signature coordination and client follow-up	11/24/2020	0.50	127.00	63.50
24518 - Cuccini, Jeremy wetland permit review and support	11/30/2020	2.00	127.00	254.00
24518 - Cuccini, Jeremy TWA and Air Permit coordination	12/04/2020	1.00	127.00	127.00
24518 - Cuccini, Jeremy TWA and Air Permit coordination	12/11/2020	1.00	127.00	127.00
24518 - Cuccini, Jeremy final wetland permit reviews/support and client submittal for external signature	12/15/2020	1.50	127.00	190.50
24518 - Cuccini, Jeremy final wetland permit reviews/support, review status of TWP and SESCO	12/22/2020	1.00	127.00	127.00
24518 - Cuccini, Jeremy wetland permit signature management, team follow-up for distribution	12/31/2020	1.00	127.00	127.00

36946 - Wollman, William Permitting	12/01/2020	4.00	97.00	388.00
36946 - Wollman, William drawing permit updates	12/07/2020	1.00	97.00	97.00
36946 - Wollman, William drawing permit updates	12/11/2020	1.00	97.00	97.00
Total Labor		<u>28.00</u>		<u>3,212.00</u> USD
Total This Task				<u>3,212.00</u> USD
Total This Project				<u>25,761.39</u> USD
Total This Invoice				<u>25,761.39</u> USD
Total This Invoice				<u>25,761.39</u> USD

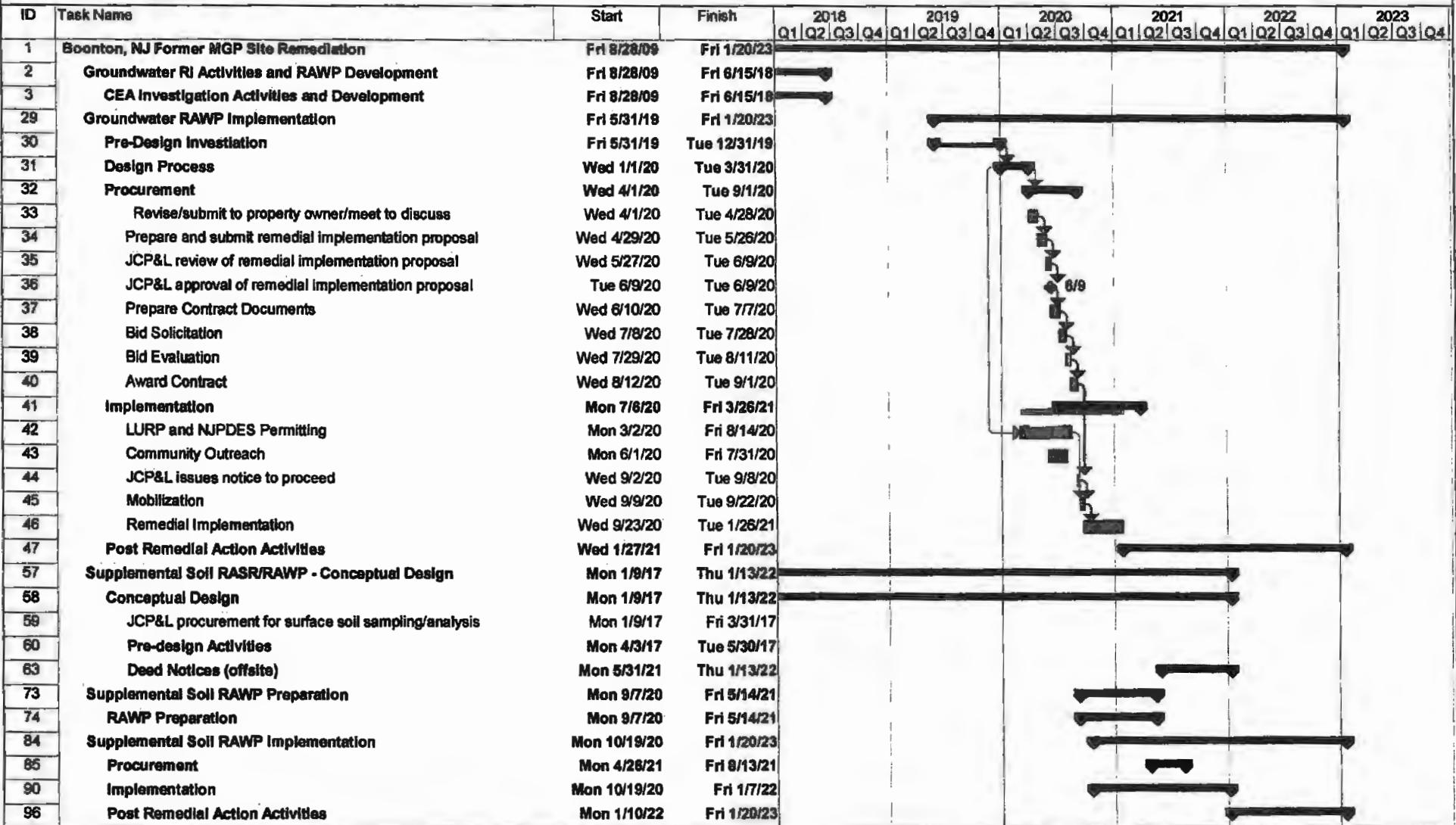
**Table 1
Action Plan as of 15 January 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2018	Submitted

**Table 1
Action Plan as of 15 January 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge ongoing with Parsippany Sewer Authority, and once confirmed will dictate system design finalization.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with permit application ongoing, and will be finalized/submitted once system design is finalized. SESCO also initiated in April 2020, and will be submitted once system design is finalized. NJPDES and Air permit to be submitted in January 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cuccuini, Dave Maza	05/05/2021	Ongoing	Arcadis is currently working on the extension request to the Site's Regulatory Timeframe, targeting submittal to JCP&L Project Management by February 10, 2021

JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site



Project: Boonton Date: Thu 4/23/20	Task		External MileTask		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Progress	
	External Tasks		Duration-only		Split	

Table 1
Budget Status for Site Remediation through 31 December 2021
Boonton Former MGP Site
Boonton, New Jersey

Purchase Order No. 55115885

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET ¹	CURRENT TASK BUDGET	CURRENT INVOICE AMOUNT	OUT OF SCOPE WORK THIS PERIOD ²	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
<i>Phase 1, Site Remediation</i>									
1	Annual Progress Reporting, including CEA Proposal	11,470	11,470	0	0	12,079	12,079	(909)	105%
2	Updates to Groundwater Modeling	28,312	28,312	0	0	28,291	28,291	21	100%
3	Preparation of RAAP Addendum	23,329	79,793	0	0	79,728	79,728	67	100%
4	Project Management	7,572	147,866	1,789	0	142,707	144,476	3,220	99%
5	LSRP Services	13,500	47,560	264	0	43,155	43,419	4,131	91%
6	Soil Definition Evaluation	5,094	5,094	0	0	9,498	9,498	(4,414)	187%
7	Access Negotiations and Soil Sampling	47,541	96,034	0	0	94,919	94,919	1,115	99%
8	Supplemental Remedial Investigation Report	16,857	81,782	0	0	84,436	84,436	(2,643)	104%
9	Access Coordination	6,960	6,960	0	0	7,928	7,928	(968)	114%
10	Groundwater Sampling	42,520	46,370	0	0	46,186	46,186	172	100%
11	Surface Water and Sediment Sampling	23,710	41,940	0	0	23,344	23,344	18,606	60%
12	Data Evaluation and Reporting	10,880	10,880	0	0	11,481	11,481	(601)	104%
13	PDI Permit Evaluation, Reconnaissance, Data Evaluation	31,240	31,240	0	0	36,572	36,572	(5,332)	117%
14	Pre-Design Investigation	267,840	482,180	9,148	0	481,140	490,289	1,891	100%
15	Groundwater Containment System Design	68,760	119,370	11,632	0	102,894	114,528	4,845	96%
16	Permitting and Compliance	37,342	78,674	3,212	0	24,903	28,115	48,469	37%
TOTALS (\$):		672,614	1,303,348	26,025	0	1,209,250	1,235,276	68,070	95%

Notes:

1. Work authorized by Purchase Order Number 55115885 dated 10/19/12 in accordance with the Arcadis Proposal dated 5/21/12.
2. Task 6 Authorized by written notice to proceed by JCP&L, dated 5/28/13.
3. Task 7 and 8 authorized by change order #3, dated 9/23/13, to purchase order 55115885 in accordance with the Arcadis proposal dated 9/12/13.
4. Updates to compensation in the amount of \$59,094 added to project budget per the Arcadis proposal dated 2/2/15, and approved by JCP&L on 2/3/15.
5. Updates to compensation in the amount of \$35,033 added to project budget per the Arcadis proposal dated 5/17/15, and approved by JCP&L Change Order #7 on 9/23/15.
6. Updates to compensation in the amount of \$35,494 added to project budget per the Arcadis proposal dated 2/4/16, and approved by JCP&L Change Order #8 on 2/18/16.
7. Updates to compensation in the amount of \$98,850 added to project budget per the Arcadis proposal dated 7/20/2016 and approved by JCP&L Change Order #9 on 9/3/2016.
8. Updates to compensation in the amount of \$35,000 added to project budget per the Arcadis proposal dated 5/8/2017 and approved by JCP&L Change Order #10 on 9/20/2017.
9. Updates to compensation in the amount of \$34,240 added to project budget per the Arcadis proposal dated 4/11/2018 and approved by JCP&L Change Order #11 on 4/24/18.
10. Updates to compensation in the amount of \$30,030 added to project budget per the Arcadis proposal dated 8/6/2018 and approved by JCP&L Change Order #12 on 8/9/18.
11. Updates to compensation in the amount of \$297,840 added to project budget per the Arcadis proposal dated 10/12/2019 and approved by JCP&L Change Order #13 on 10/31/2019.
12. Updates to compensation in the amount of \$239,190 added to project budget per the Arcadis proposal dated 10/15/2019 and approved by JCP&L Change Order #14 on 10/31/2019.
13. Updates to compensation in the amount of \$38,446 added to project budget per the Arcadis proposal dated 3/17/20 and approved by JCP&L Change Order #15 on 3/23/20.
14. Updates to compensation in the amount of \$18,369 added to project budget per the Arcadis proposal dated 4/8/20 and approved by JCP&L Change Order #16 on 4/13/20.
15. Updates to compensation in the amount of \$91,950 added to project budget per the Arcadis proposal dated 9/21/20 and approved by JCP&L Change Order #17 on 10/2/20.
16. Updates to compensation in the amount of \$39,232 added to project budget per the Arcadis proposal dated 11/02/20 and approved by JCP&L Change Order #18 on 12/9/20.

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Subject:

Monthly Progress Report (MPR) – December 2020
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 23 November 2020 and ending 31 December 2020.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.
- Ongoing assistance regarding the local sewer authority (Parsippany-Troy Hills) discharge treatment requirements and assistance with discharge agreements, ordinance reviews and client follow-up.
- Ongoing assistance with access agreements associated with groundwater treatment system access and component construction on the adjacent Quonnie property.
- Data management and evaluation of the November 2020 soil delineation activities to limit potential administrative/engineering controls to the site boundary footprint. Process associated laboratory subcontractor invoicing.

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

ENVIRONMENT

Date:

21 January 2021

Contact:

Jeremy Cuccuini

Phone:

609.366.9033

Email:

Jeremy.cuccuini@arcadis-us.com

Our ref:

MD001134.0001

- Continuation of design related tasks associated with the proposed groundwater containment system.
- Completion of various compliance and permitting items associated with the groundwater treatment system, including the required NJDEP wetland permit, NJPDES discharge permitting and associated air permitting preparation.
- The most recent MPR for November 2020 was submitted on 8 December 2020.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 February 2021.

Section 3: Action Plan

Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 December 2020 through 15 February 2021).

The overall project budget for the current phases of work including Phase 0001 (Annual Progress Reporting, Including CEA Proposal), Phase 0002 (Updates to Groundwater Model), Phase 003 (Preparation of RAWP addendum), Phase 004 (Project Management), Phase 006 (Soil Delineation Evaluation), Phase 007 Access Negotiations and Soil Sampling), Phase 008 (Supplemental Remedial Investigation Report), Phase 009 (Access Coordination), Phase 010 (Groundwater Sampling), Phase 011 (Surface Water and Sediment Sampling), Phase 012 (Data Evaluation and Reporting), Phase 13 (PDI Permit Evaluation, Reconnaissance and Data Management), Phase 14 (Pre-Design Investigation), Phase 15 Groundwater Containment System Design and Phase 16 Permitting and Compliance is shown on Table 2. Table 2 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.

Jeremy Cuccuini
Certified Project Manager

Copies:

D. Scillieri, Arcadis

D. Maza, Arcadis

Rusu, Jennifer

From: Cuccuini, Jeremy <Jeremy.Cuccuini@arcadis.com>
Sent: Tuesday, February 9, 2021 10:26 AM
To: Rusu, Jennifer
Subject: [EXTERNAL] RE: Boonton Inv 34211911

Hi Jen – whatever is easier for you. We have a credit lined up for the January invoice as an option too, whichever you prefer.

credit in january 2021 invoice

Thanks –
Jeremy

From: Rusu, Jennifer <jrusu@firstenergycorp.com>
Sent: Tuesday, February 9, 2021 10:18 AM
To: Cuccuini, Jeremy <Jeremy.Cuccuini@arcadis.com>
Subject: RE: Boonton Inv 34211911

Hi Jeremy – Thanks. Do you want me to short pay the invoice with the revised rate for William?



Jennifer Rusu
Project Manager
office: 973-401-8222
jrusu@firstenergycorp.com
300 Madison Ave, Morristown, NJ 07962-1911 | mailstop: Morristown-Gen. Office

From: Cuccuini, Jeremy <Jeremy.Cuccuini@arcadis.com>
Sent: Monday, February 8, 2021 1:06 PM
To: Rusu, Jennifer <jrusu@firstenergycorp.com>
Subject: [EXTERNAL] RE: Boonton Inv 34211911

Hi Jen – see the backup for the Fed-Ex charges, which was for processing of the check needed for NJDEP associated with the wetland permit application. This was sent from our corporate office in Highlands Ranch, CO to me in our East Windsor office. That check then accompanied the Boonton Wetland Permit application.

Also regarding William Wollman's change in rate, William was promoted mid-way through the December invoice period, which is why he has different rates shown. However, it looks like he jumped to the Project II rate of \$109, when it should have been to the Project I rate of \$102. As such we owe you a \$7 credit for this hour billed at the incorrect higher rate, and can include this \$7 credit on the upcoming January invoice.

Please keep me posted if you need anything else to process, or have any other follow-up on your end.

Thanks,
Jeremy

From: Rusu, Jennifer <jrusu@firstenergycorp.com>
Sent: Tuesday, February 2, 2021 1:46 PM
To: Cuccuini, Jeremy <Jeremy.Cuccuini@arcadis.com>
Subject: Boonton Inv 34211911

Hi Jeremy –

On this invoice, can you confirm William Wollman's rate? I have it as \$97 and \$109. Also where is the ship to address for the fed ex charges?

Thanks - Jen



Jennifer Rusu
Project Manager
office: 973-401-8222
jrusu@firstenergycorp.com
300 Madison Ave, Morristown, NJ 07962-1911 | mailstop: Morristown-Gen. Office

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INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
300 Madison Ave
Morristown, NJ 07960-6169
United States

Arcadis U.S., Inc.
Bank of America
Acct: 8188093937
ACH: 071 000 039 Wire: 026009 593
SWIFT: BOFAUS3N
Remit-mailbox@arcadis-us.com
62638 Collections Center Drive
Chicago, IL 60693-0626

Invoice Date	22-Jan-2021	Invoice Number	34211910
Payment Term	45 days	Due Date	08-Mar-2021
PO# 55115885			
Arcadis Reference Number	MD001134.0001	Project Number	30015927
Arcadis Reference Name	MD001134.0001-JCPL/BOONTON, NEW JERSEY	Project Name	MD001134.0001-JCPL/BOONTON, NEW JERSEY
Services Through	31-Dec-2020	Project Manager	Jeremy Cuccuni
		Client Contact	Jennifer Rusu

Professional Services to 31-Dec-2020

waived 1/22/21

Project 30015927 - MD001134.0001-
JCPL/BOONTON, NEW JERSEY

Task 00005 - LSRP Services

Contract Line 6 - MD001134.0001/00005

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Thompson, David	2.00	Hours	132.00 ✓	264.00
	<u>2.00</u>			<u>264.00</u> USD
Total This Task				<u>264.00</u> USD
Total This Project				<u>264.00</u> USD
Total This Invoice				<u>264.00</u> USD

Total This Invoice 264.00 USD

approval stamp on next page

Bank Name BANK OF AMERICA N.A. **Bank/Branch Code** BOFA-026009593
Account No. 8188093937 **SWIFT** BOFAUS3N

Remittance Address: Remit-Mailbox@arcadis-us.com
Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.

SES# 1121459327 Fax# 38043806
pay only \$264.00

APPROVAL STAMP	
P.O. NO. <u>55115885/2</u>	INV. NO. <u>34211910</u>
COMPANY CODE: SCOO	COST CENTER _____
COST ELEMENT (GL ACCT.): <u>550300</u>	
ORDER: <u>3001017</u>	WBS: _____
APPROVED BY:	EMP. NO.:

Plus C10093 2/3/2021

Project
30015927 - MD001134.0001-
JCPL/BOONTON, NEW JERSEY

Task
00005 - LSRP Services

Contract Line
6 - MD001134.0001/00005

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35155 - Thompson, David Weekly status call.	12/02/2020	0.50	132.00	66.00
35155 - Thompson, David Weekly status call	12/09/2020	0.50	132.00	66.00
35155 - Thompson, David Weekly status call	12/16/2020	0.50	132.00	66.00
35155 - Thompson, David Weekly status call	12/23/2020	0.50	132.00	66.00
Total Labor		<u>2.00</u>		<u>264.00</u> USD
Total This Task				<u>264.00</u> USD
Total This Project				<u>264.00</u> USD
Total This Invoice				<u>264.00</u> USD
Total This Invoice				<u>264.00</u> USD

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 809.860.0590
Fax 609.860.8007
www.arcadis-us.com

Subject:
Monthly Progress Report (MPR) LSRP Services –December 2020
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

ENVIRONMENT

Dear Ms. Rusu:

Date:
21 January 2021

The following summarizes Licensed Site Remediation Professional (LSRP) related project activities performed by Arcadis for the above referenced site during the billing period beginning 23 November 2020 and ending 31 December 2020.

Contact:
Jeremy Cuccuini

Section 1: Work Performed

Phone:
609.366.9033

The following work was performed during the period under Purchase Order Number 55115885:

Email:
Jeremy.cuccuini@arcadis-us.com

- LSRP time for project team calls and general team/project communication.

Our ref:
MD001134.0001

If you have any questions about this report, please do not hesitate to contact the undersigned.

Sincerely,

Arcadis U.S., Inc.

Jeremy Cuccuini
Project Manager

Copies:
D. Scillieri, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 2/24/21

Invoice Date	24-Feb-2021	Invoice Number	34217706
Due Date	10-Apr-2021	Payment Term	45 days
PO# 55115885			
Arcadis Reference Number	MD001134.0001	Project Number	30015927
Arcadis Reference Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY	Project Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY
Services Through	24-Jan-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 24-Jan-2021

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00004 - Project Management	5 - MD001134.0001/00004

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Jones Jackson, Legenetta	3.00	Hours	54.00 ✓	162.00
Collins, Lisa	1.60	Hours	54.00 ✓	86.40
Maza, David	0.80	Hours	122.00 ✓	97.60
Cuccuini, Jeremy	5.50	Hours	131.00 ✓	720.50
Scillieri, Darren	5.00	Hours	148.00 ✓	740.00
	15.90			1,806.50

Other Reimbursable Charges

34.70

approval stamp on 3rd page.

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N

Remittance Address: Remit-Mailbox@arcadis-us.com

Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.

Total This Task
1,841.20 USD

<u>Project</u>	<u>Task</u>	<u>Contract Line</u>
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00014 - Pre-Design Investigation	15 - MD001134.0001/00014

Labor

<u>Employee Name</u>	<u>Quantity</u>	<u>UOM</u>	<u>Rate</u>	<u>This Invoice</u>
Maza, David	2.00	Hours	122.00 ✓	244.00
Cuccuini, Jeremy	5.50	Hours	131.00 ✓	720.50
Foos, Patrick	2.00	Hours	93.00 ✓	186.00
Everett, Leslee	6.00	Hours	100.00 ✓	600.00
	<u>15.50</u>			<u>1,750.50</u>

Total This Task
1,750.50 USD

<u>Project</u>	<u>Task</u>	<u>Contract Line</u>
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00015 - GW Containment System Design	20 - MD001134.0001/00015

Labor

<u>Employee Name</u>	<u>Quantity</u>	<u>UOM</u>	<u>Rate</u>	<u>This Invoice</u>
Fuller, Andrew	8.00	Hours	136.00 ✓	1,088.00
Sanchez, Adriana	1.00	Hours	113.00 ✓	113.00
Mauk, James	0.50	Hours	74.00 ✓	37.00
Maza, David	0.80	Hours	122.00 ✓	97.60
	<u>10.30</u>			<u>1,335.60</u>

Total This Task
1,335.60 USD

<u>Project</u>	<u>Task</u>	<u>Contract Line</u>
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00016 - Permitting an Compliance	21 - MD001134.0001/00016

Labor

<u>Employee Name</u>	<u>Quantity</u>	<u>UOM</u>	<u>Rate</u>	<u>This Invoice</u>
Santos, Leonela	9.80	Hours	54.00 ✓	529.20
De Sonier, James	17.30	Hours	74.00 ✓	1,280.20
Fuller, Andrew	9.00	Hours	136.00 ✓	1,224.00

Wolman, William	2.00	Hours	100.00 ✓	200.00
Sanchez, Adriana	5.00	Hours	113.00 ✓	565.00
Cuccuini, Jeremy	4.50	Hours	131.00 ✓	589.50
	<u>47.60</u>			<u>4,387.90</u>
Other Reimbursable Charges				283.79
Fees				-7.00
Total This Task				<u>4,664.69 USD</u>
Total This Project				<u>9,591.99 USD</u>
Total This Invoice				<u>9,591.99 USD</u>
Total This Invoice				<u>9,591.99 USD</u>

SES# 1121648981 Fax# 38040247

APPROVAL STAMP	
P.O. NO. <u>55115885/1</u>	INV. NO. <u>34217706</u>
COMPANY CODE.: SCOO	COST CENTER _____
COST ELEMENT (GL ACCT.): <u>550300</u>	
ORDER: <u>3001017</u>	WBS: _____
APPROVED BY: _____	EMP. NO.: _____

James C10093 *3/12/21*

Transaction Details - Invoice Number 34217706

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00004 - Project Management	5 - MD001134.0001/00004

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
62553 - Jones Jackson, Legenetta	01/14/2021	1.25	54.00	67.50
Invoice preparations, backup				
62553 - Jones Jackson, Legenetta	01/22/2021	1.75	54.00	94.50
Invoice preparations, email submittal				
23893 - Collins, Lisa	01/12/2021	0.80	54.00	43.20
project financial support				
23893 - Collins, Lisa	01/15/2021	0.80	54.00	43.20
project financial support				
35671 - Mazza, David	01/21/2021	0.80	122.00	97.60
review site and financial info from JCP&L, call with PM and LSRP re: timeframe extension				
24518 - Cuccuini, Jeremy	01/06/2021	1.00	131.00	131.00
weekly project team meeting, project coordination, PM, December invoicing				
24518 - Cuccuini, Jeremy	01/13/2021	1.50	131.00	196.50
weekly project team meeting, follow-up and PM				
24518 - Cuccuini, Jeremy	01/14/2021	0.50	131.00	65.50
RA timeframe confirmation, communications				
24518 - Cuccuini, Jeremy	01/15/2021	0.50	131.00	65.50
december invoicing/PM				
24518 - Cuccuini, Jeremy	01/20/2021	1.00	131.00	131.00
weekly team meeting, DEcember invoicing, PM				
24518 - Cuccuini, Jeremy	01/22/2021	1.00	131.00	131.00
January accrual				
24363 - Scillieri, Darren	01/06/2021	1.00	148.00	148.00
project team conference call, project update, team conference call with LSRP re: soils results, delineation, next steps				
24363 - Scillieri, Darren	01/08/2021	1.00	148.00	148.00
design team conference call				
24363 - Scillieri, Darren	01/13/2021	1.00	148.00	148.00
project team conference call, project update, team conference call with LSRP re: soils results, delineation, next steps				
24363 - Scillieri, Darren	01/15/2021	1.00	148.00	148.00
design team conference call				
24363 - Scillieri, Darren	01/20/2021	1.00	148.00	148.00
project team conference call, project update, team conference call with LSRP re: soils results, delineation, next steps				
			15.90	1,806.50
Total Labor				1,806.50 USD

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
----------------	------------------	--------------	---------------	--------------

Postage / Shipping Charges					
2021_02d	01/15/2021	01/15/2021	Fedex ERS		34.70 ✓
Total Other Reimbursable Charges					<u>34.70 USD</u>
Total This Task					<u>1,841.20 USD</u>

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00014 - Pre-Design Investigation	15 - MD001134.0001/00014

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35671 - Maza, David IGW evaluation, call with LE	01/04/2021	1.20	122.00	146.40
35671 - Maza, David review grain size data and sample inventory for Andy, document review	01/04/2021	0.80	122.00	97.60
24518 - Cuccuini, Jeremy team coordination on next steps, design updates and PDI	01/04/2021	1.50	131.00	196.50
24518 - Cuccuini, Jeremy team coordination on next steps, design updates and PDI	01/08/2021	1.50	131.00	196.50
24518 - Cuccuini, Jeremy data management and team follow-up, review well logs	01/12/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy team support, coordination and follow-up	01/21/2021	1.50	131.00	196.50
36895 - Foes, Patrick Soil and TCLP data management	01/04/2021	2.00	93.00	186.00
38900 - Everett, Leslee Call to discuss SPLP updates with DM. Coordinate with P Foes for database export.	01/04/2021	1.00	100.00	100.00
38900 - Everett, Leslee Update SPLP summary table, review data, and update calculators.	01/06/2021	2.00	100.00	200.00
38900 - Everett, Leslee Update SPLP summary table, review data, and update calculators.	01/07/2021	3.00	100.00	300.00
		<u>15.50</u>		<u>1,750.50</u>
Total Labor				<u>1,750.50 USD</u>

Total This Task				<u>1,750.50 USD</u>
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Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00015 - GW Containment System Design	20 - MD001134.0001/00015

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35562 - Fuller, Andrew Wetland permitting, design review & coord'n	01/13/2021	2.00	136.00	272.00
35562 - Fuller, Andrew Wetland permitting, design review & coord'n	01/14/2021	2.00	136.00	272.00

35562 - Fuller, Andrew Wetland permitting, design review & coord'n	01/15/2021	1.00	136.00	136.00
35562 - Fuller, Andrew team call & followup	01/19/2021	1.50	136.00	204.00
35562 - Fuller, Andrew review	01/21/2021	1.00	136.00	136.00
35562 - Fuller, Andrew EIC coord'n	01/22/2021	0.50	136.00	68.00
38481 - Sanchez, Adriana project call -design	01/08/2021	1.00	113.00	113.00
35958 - Mauk, James boonton system design progress call	01/19/2021	0.50	74.00	37.00
35671 - Maza, David design call	01/08/2021	0.80	122.00	97.60

10.30

1,335.60
Total Labor

1,335.60 USD
Total This Task

1,335.60 USD

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00016 - Permitting an Compliance	21 - MD001134.0001/00016

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
37350 - Santos, Leonela NJDEP permit submission	01/05/2021	4.70	54.00	253.80
37350 - Santos, Leonela NJDEP permit submission	01/06/2021	1.20	54.00	64.80
37350 - Santos, Leonela NJDEP permit submission	01/07/2021	3.60	54.00	194.40
37350 - Santos, Leonela PA support	01/13/2021	0.30	54.00	16.20
60027 - De Sonier, James Meeting with Team	01/11/2021	0.60	74.00	44.40
60027 - De Sonier, James TWA Application	01/13/2021	1.60	74.00	118.40
60027 - De Sonier, James TWA Application	01/14/2021	2.10	74.00	155.40
60027 - De Sonier, James TWA Application	01/15/2021	1.60	74.00	118.40
60027 - De Sonier, James Meeting with Team, Communication with Regulators	01/19/2021	1.10	74.00	81.40
60027 - De Sonier, James Meeting with Team, Communication with Regulators, Updates to TWA Attachments and Checklist	01/20/2021	4.70	74.00	347.80
60027 - De Sonier, James Meeting with Team, Communication with Regulators, Updates to TWA Attachments and Checklist	01/21/2021	3.10	74.00	229.40
60027 - De Sonier, James	01/22/2021	2.50	74.00	185.00

Meeting with Team, Communication with Regulators, Updates to TWA Attachments and Checklist

35562 - Fuller, Andrew	01/04/2021	2.00	136.00	272.00
Wetland permitting, design review & coord'n				
35562 - Fuller, Andrew	01/07/2021	1.00	136.00	136.00
Wetland permitting, design review & coord'n				
35562 - Fuller, Andrew	01/08/2021	2.00	136.00	272.00
Wetland permitting, design review & coord'n				
35562 - Fuller, Andrew	01/11/2021	3.00	136.00	408.00
Wetland permitting, design review & coord'n				
35562 - Fuller, Andrew	01/12/2021	1.00	136.00	136.00
Wetland permitting, design review & coord'n				
36946 - Wollman, William	01/04/2021	2.00	100.00	200.00
NJDEP DLUR Permit Submittal				
38481 - Sanchez, Adriana	01/11/2021	1.00	113.00	113.00
TWA Call				
38481 - Sanchez, Adriana	01/13/2021	2.00	113.00	226.00
equipment				
38481 - Sanchez, Adriana	01/14/2021	2.00	113.00	226.00
TWA call follow up, drawings				
24518 - Cucuini, Jeremy	01/05/2021	1.50	131.00	196.50
wetland permit finalization				
24518 - Cucuini, Jeremy	01/07/2021	1.50	131.00	196.50
wetland permit NJDEP submittal support				
24518 - Cucuini, Jeremy	01/14/2021	1.00	131.00	131.00
permitting team follow-up on SESCOF and TWA				
24518 - Cucuini, Jeremy	01/20/2021	0.50	131.00	65.50
TWA permitting support				
<hr style="width: 100%;"/>				
47.60				<hr style="width: 100%;"/>
Total Labor				4,387.90 USD
Other Reimbursable Charges				
Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Postage / Shipping Charges				
14970292	01/18/2021	01/18/2021		97.20 ✓
Printing & Office Supplies				
24440EW	01/05/2021	01/05/2021	Triangle Copy	186.59 ✓
Total Other Reimbursable Charges				<hr style="width: 100%;"/> 283.79 USD
Fees				
Credit back to client for William Wollman 12/15/20				-7.00 ✓
Total Fees				<hr style="width: 100%;"/> -7.00 USD
Total This Task				<hr style="width: 100%;"/> 4,664.69 USD
Total This Project				<hr style="width: 100%;"/> 9,591.99 USD

Total This Invoice

9,591.99 USD

Total This Invoice

9,591.99 USD

**Table 1
Action Plan as of 15 February 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2018	Submitted

**Table 1
Action Plan as of 15 February 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge ongoing with Parsippany Sewer Authority, and once confirmed will dictate system design finalization.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with permit application ongoing, and will be finalized/submitted once system design is finalized. SESCO also initiated in April 2020, and will be submitted once system design is finalized. NJPDES and Air permit to be submitted in January 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cuccuini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

ARCADIS

JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2018				2019				2020				2021				2022				2023							
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
1	Boonton, NJ Former MGP Site Remediation	Fri 8/28/09	Fri 1/20/23	[Gantt bar]																											
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18	[Gantt bar]																											
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18	[Gantt bar]																											
29	Groundwater RAWP Implementation	Fri 5/31/19	Fri 1/20/23	[Gantt bar]																											
30	Pre-Design Investigation	Fri 5/31/19	Tue 12/31/19	[Gantt bar]																											
31	Design Process	Wed 1/1/20	Tue 3/31/20	[Gantt bar]																											
32	Procurement	Wed 4/1/20	Tue 3/1/20	[Gantt bar]																											
33	Revise/submit to property owner/meet to discuss	Wed 4/1/20	Tue 4/28/20	[Gantt bar]																											
34	Prepare and submit remedial implementation proposal	Wed 4/29/20	Tue 5/26/20	[Gantt bar]																											
35	JCP&L review of remedial implementation proposal	Wed 5/27/20	Tue 6/9/20	[Gantt bar]																											
36	JCP&L approval of remedial implementation proposal	Tue 6/9/20	Tue 6/9/20	[Gantt bar]																											
37	Prepare Contract Documents	Wed 6/10/20	Tue 7/7/20	[Gantt bar]																											
38	Bid Solicitation	Wed 7/8/20	Tue 7/28/20	[Gantt bar]																											
39	Bid Evaluation	Wed 7/29/20	Tue 8/11/20	[Gantt bar]																											
40	Award Contract	Wed 8/12/20	Tue 9/1/20	[Gantt bar]																											
41	Implementation	Mon 7/8/20	Fri 3/25/21	[Gantt bar]																											
42	LURP and NJPDES Permitting	Mon 3/2/20	Fri 6/14/20	[Gantt bar]																											
43	Community Outreach	Mon 6/1/20	Fri 7/31/20	[Gantt bar]																											
44	JCP&L Issues notice to proceed	Wed 9/2/20	Tue 9/8/20	[Gantt bar]																											
45	Mobilization	Wed 9/9/20	Tue 9/22/20	[Gantt bar]																											
46	Remedial Implementation	Wed 9/23/20	Tue 1/26/21	[Gantt bar]																											
47	Post Remedial Action Activities	Wed 1/27/21	Fri 1/20/23	[Gantt bar]																											
57	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Thu 1/13/22	[Gantt bar]																											
58	Conceptual Design	Mon 1/9/17	Thu 1/13/22	[Gantt bar]																											
59	JCP&L procurement for surface soil sampling/analysis	Mon 1/9/17	Fri 3/31/17	[Gantt bar]																											
60	Pre-design Activities	Mon 4/3/17	Tue 5/30/17	[Gantt bar]																											
63	Deed Notices (offsite)	Mon 5/3/21	Thu 1/13/22	[Gantt bar]																											
73	Supplemental Soil RAWP Preparation	Mon 9/7/20	Fri 5/14/21	[Gantt bar]																											
74	RAWP Preparation	Mon 9/7/20	Fri 5/14/21	[Gantt bar]																											
84	Supplemental Soil RAWP Implementation	Mon 10/19/20	Fri 1/20/23	[Gantt bar]																											
85	Procurement	Mon 4/26/21	Fri 8/13/21	[Gantt bar]																											
90	Implementation	Mon 10/19/20	Fri 1/7/22	[Gantt bar]																											
96	Post Remedial Action Activities	Mon 1/10/22	Fri 1/20/23	[Gantt bar]																											

Project: Boonton
 Date: Thu 4/23/20

Task		External MileTask		Manual Summary Rollup	
Split		Inactive Task		Manual Summary	
Milestone		Inactive Milestone		Start-only	
Summary		Inactive Summary		Finish-only	
Project Summary		Manual Task		Progress	
External Tasks		Duration-only		Split	

Table 1
Budget Status for BIA Retained fee through 24 January 2021
 Executive Forum BGP-203
 Burlington, New Jersey
 Purchase Order No. 98115865

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET ¹	CURRENT TASK BUDGET	CURRENT INVOICE AMOUNT	OUT-OF-SCOPE WORK THIS PERIOD ²	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
Phase 1, Site Remediation									
1	Annual Program Reporting, Including CEA Proposal	11,470	11,470	0	0	12,879	12,878	(1,408)	100%
2	Updates to Groundwater Modeling	28,312	28,312	0	0	28,291	28,291	21	100%
3	Preparation of RAWP Addendum	22,328	79,793	0	0	79,726	79,726	67	100%
4	Project Management	1,572	142,669	1,641	0	144,478	145,317	1,379	99%
5	LEDP Services	12,528	42,650	272	0	45,419	43,681	3,869	92%
6	Soil Detection Evaluation	5,084	5,084	0	0	6,488	6,488	(1,404)	100%
7	Access Negotiations and Soil Sampling	47,541	89,024	0	0	84,918	84,918	7,123	89%
8	Supplemental Remedial Investigation Report	16,457	61,782	0	0	64,458	64,458	(2,676)	100%
9	Access Coordination	6,969	6,960	0	0	7,958	7,958	(989)	115%
10	Groundwater Sampling	42,500	46,370	0	0	48,188	48,188	(1,818)	100%
11	Surface Water and Sediment Sampling	23,710	41,640	0	0	22,044	22,044	19,596	26%
12	Data Evaluation and Reporting	19,053	10,950	0	0	11,461	11,461	7,492	34%
13	PCB Permit Evaluation, Reconnaissance, Data Evaluation	31,360	31,240	0	0	30,572	30,572	(888)	117%
14	Pre-Design Investigation	297,040	492,190	1,793	0	492,289	492,289	141	100%
15	Distribution Containment System Design	66,350	118,330	1,208	0	114,508	116,622	3,508	97%
16	Permitting and Compliance	37,242	76,574	4,965	0	38,115	32,780	43,794	45%
	TOTALS (\$)	672,644	1,302,245	8,064	0	1,335,214	1,246,140	56,205	84%

Notes

1. Work authorized by Purchase Order Number 55135465 dated 10/18/12 in accordance with the Award Proposal dated 4/21/11.
2. Task authorized by written notice to proceed by CP&I, dated 4/26/11.
3. Task 1 and 8 authorized by Change Order #5, dated 9/11/12, to purchase order 55135465 in accordance with the Award proposal dated 4/21/11.
4. Updates to completion in the amount of \$59,291 added to project budget per the Award proposal dated 2/21/15, and approved by CP&I Change Order #7 on 2/17/15.
5. Updates to completion in the amount of \$36,815 added to project budget per the Award proposal dated 9/17/15, and approved by CP&I Change Order #7 on 10/25/15.
6. Updates to completion in the amount of \$82,174 added to project budget per the Award proposal dated 1/19/16, and approved by CP&I Change Order #8 on 2/2/16.
7. Updates to completion in the amount of \$98,110 added to project budget per the Award proposal dated 7/29/2016 and approved by CP&I Change Order #8 on 8/19/2016.
8. Updates to completion in the amount of \$19,600 added to project budget per the Award proposal dated 9/19/2017 and approved by CP&I Change Order #10 on 1/19/2017.
9. Updates to completion in the amount of \$12,140 added to project budget per the Award proposal dated 11/2/2018 and approved by CP&I Change Order #11 on 4/21/2018.
10. Updates to completion in the amount of \$32,852 added to project budget per the Award proposal dated 4/1/2019 and approved by CP&I Change Order #12 on 4/1/19.
11. Updates to completion in the amount of \$297,040 added to project budget per the Award proposal dated 2/12/2019 and approved by CP&I Change Order #15 on 2/26/19.
12. Updates to completion in the amount of \$725,190 added to project budget per the Award proposal dated 10/12/2019 and approved by CP&I Change Order #14 on 10/31/2019.
13. Updates to completion in the amount of \$25,448 added to project budget per the Award proposal dated 11/17/20 and approved by CP&I Change Order #15 on 2/12/20.
14. Updates to completion in the amount of \$13,340 added to project budget per the Award proposal dated 1/6/20 and approved by CP&I Change Order #16 on 4/13/20.
15. Updates to completion in the amount of \$92,760 added to project budget per the Award proposal dated 6/22/20 and approved by CP&I Change Order #17 on 10/21/20.
16. Updates to completion in the amount of \$74,133 added to project budget per the Award proposal dated 12/02/20 and approved by CP&I Change Order #18 on 12/09/20.

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Subject:
Monthly Progress Report (MPR) – January 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 1 January 2021 and ending 24 January 20 2021.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.
- Ongoing assistance regarding the local sewer authority (Parsippany-Troy Hills) discharge treatment requirements and assistance with discharge agreements, ordinance reviews and client follow-up.
- Ongoing assistance with access agreements with the property owner associated with groundwater treatment system areas, access and component construction.
- Continuation of design related tasks associated with the proposed groundwater containment system.
- Completion of various compliance and permitting items associated with the groundwater treatment system, including submittal of the required NJDEP

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

ENVIRONMENT

Date:
21 January 2021

Contact:
Jeremy Cuccuini

Phone:
609.366.9033

Email:
Jeremy.cuccuini@arcadis-us.com

Our ref:
MD001134.0001

wetland permit. Additional support with NJPDES discharge permitting and associated air permitting preparation.

- The most recent MPR for December 2021 was submitted on 21 January 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 March 2021.

Section 3: Action Plan

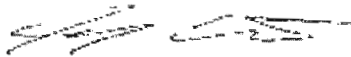
Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 February 2021 through 15 April 2021).

The overall project budget for the current phases of work including Phase 0001 (Annual Progress Reporting, Including CEA Proposal), Phase 0002 (Updates to Groundwater Model), Phase 003 (Preparation of RAWP addendum), Phase 004 (Project Management), Phase 006 (Soil Delineation Evaluation), Phase 007 Access Negotiations and Soil Sampling), Phase 008 (Supplemental Remedial Investigation Report), Phase 009 (Access Coordination), Phase 010 (Groundwater Sampling), Phase 011 (Surface Water and Sediment Sampling), Phase 012 (Data Evaluation and Reporting), Phase 13 (PDI Permit Evaluation, Reconnaissance and Data Management), Phase 14 (Pre-Design Investigation), Phase 15 Groundwater Containment System Design and Phase 16 Permitting and Compliance is shown on Table 2. Table 2 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cuccuini
Certified Project Manager

Copies:

D. Scillieri, Arcadis

D. Maza, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 2/24/21

Invoice Date	24-Feb-2021	Invoice Number	34217704
Due Date	10-Apr-2021	Payment Term	45 days
PO# 55115885			
Arcadis Reference Number	MD001134.0001	Project Number	30015927
Arcadis Reference Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY	Project Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY
Services Through	24-Jan-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 24-Jan-2021

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00005 - LSRP Services	6 - MD001134.0001/00005

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Thompson, David	2.00	Hours	136.00	272.00
				<u>272.00</u>

Total This Task

Total This Project

Total This Invoice

SES# 1121648966 2.00 Tax# 38040242

APPROVAL STAMP

P.O. NO. 55115885/2 INV. NO. 34217704

COMPANY CODE.: SCOO COST CENTER _____

COST ELEMENT (GL ACCT.): 550 300

ORDER: 3001017 WBS: _____

APPROVED BY: _____ EMP. NO.: _____

JRusu C10093 Total This Invoice 3/12/2021 272.00 USD

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N

Remittance Address: Remit-Mailbox@arcadis-us.com
 Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.

Transaction Details - Invoice Number 34217704

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00005 - LSRP Services	6 - MD001134.0001/00005

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35155 - Thompson, David Weekly Status call	01/06/2021	0.50	136.00	68.00
35155 - Thompson, David Weekly status call	01/13/2021	0.50	136.00	68.00
35155 - Thompson, David Weekly status call. Timeframe extension	01/20/2021	1.00	136.00	136.00
		2.00		272.00
Total Labor				272.00 USD
Total This Task				272.00 USD
Total This Project				272.00 USD
Total This Invoice				272.00 USD
		Total This Invoice		272.00 USD

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

Subject:

Monthly Progress Report (MPR) LSRP Services – January 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

ENVIRONMENT

Dear Ms. Rusu:

The following summarizes Licensed Site Remediation Professional (LSRP) related project activities performed by Arcadis for the above referenced site during the billing period beginning 1 January 2021 and ending 24 January 2021.

Date:
24 February 2021

Contact:
Jeremy Cucchini

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

Phone:
609.366.9033

Email:
Jeremy.cuccini@arcadis-us.com

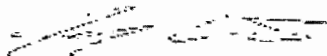
- LSRP time for project team calls and general team/project communication.
Provide Remedial Action timeframe review and extension request support.

Our ref:
MD001134.0001

If you have any questions about this report, please do not hesitate to contact the undersigned.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cucchini
Project Manager

Copies:
D. Scillieri, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 3/24/21

Invoice Date	24-Mar-2021	Invoice Number	34223199
Due Date	08-May-2021	Payment Term	45 days
PO# 55115885			
Arcadis Reference Number	MD001134.0001	Project Number	30015927
Arcadis Reference Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY	Project Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY
Services Through	21-Feb-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 21-Feb-2021

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00004 - Project Management	5 - MD001134.0001/00004

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Jones Jackson, Legenetta	2.00	Hours	54.00 ✓	108.00
Collins, Lisa	5.50	Hours	54.00 ✓	297.00
Maza, David	1.60	Hours	122.00 ✓	195.20
Cuccuini, Jeremy	11.50	Hours	131.00 ✓	1,506.50
Scillieri, Darren	5.00	Hours	148.00 ✓	740.00
	25.60			2,846.70

Total This Task

2,846.70 USD

approval stamp on 4th page

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N
Remittance Address: Remit-Mailbox@arcadis-us.com			
Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.			

Project
30015927 - MD001134.0001-
JCPL/BOONTON, NEW JERSEY

Task
00014 - Pre-Design Investigation

Contract Line
15 - MD001134.0001/00014

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Kane, Raleigh	12.70	Hours	93.00 ✓	1,181.10
Loving, Jeffrey Don	0.40	Hours	68.00 ✓	27.20
Maza, David	2.70	Hours	122.00 ✓	329.40
Cuccuini, Jeremy	8.50	Hours	131.00 ✓	1,113.50
Everett, Leslee	2.50	Hours	100.00 ✓	250.00
	<u>26.80</u>			<u>2,901.20</u>

Other Reimbursable Charges

666.66 ✓

Total This Task

3,567.86 USD

Project
30015927 - MD001134.0001-
JCPL/BOONTON, NEW JERSEY

Task
00015 - GW Containment System Design

Contract Line
20 - MD001134.0001/00015

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Oberlander, Roseanne	9.60	Hours	68.00 ✓	652.80
De Sonier, James	4.00	Hours	74.00 ✓	296.00
Sidoti, John	5.00	Hours	148.00 ✓	740.00
Fuller, Andrew	19.00	Hours	136.00 ✓	2,584.00
Sanchez, Adriana	5.50	Hours	113.00 ✓	621.50
Meyer, Julie	3.00	Hours	68.00 ✓	204.00
Maza, David	6.90	Hours	122.00 ✓	841.80
Catchpole, Daniel	12.50	Hours	93.00 ✓	1,162.50
	<u>65.50</u>			<u>7,102.60</u>

Total This Task

7,102.60 USD

Project
30015927 - MD001134.0001-
JCPL/BOONTON, NEW JERSEY

Task
00016 - Permitting an Compliance

Contract Line
21 - MD001134.0001/00016

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
De Sonier, James	19.60	Hours	74.00 ✓	1,450.40
Antczak, Bridget	10.50	Hours	131.00 ✓	1,375.50
Cuccuini, Jeremy	6.00	Hours	131.00 ✓	786.00
	<u>36.10</u>			<u>3,611.90</u>
Total This Task				3,611.90 USD
Total This Project				17,129.06 USD
Total This Invoice				17,129.06 USD
	Total This Invoice			17,129.06 USD

SFS# 112181404 Fax# 38044782
pay only \$17,129.00

55115885/1 APPROVAL STAMP	
P.O. NO. 55130412	INV. NO. 34223199
COMPANY CODE: SCOO	COST CENTER _____
COST ELEMENT (GL ACCT.): 550300	
ORDER: 3001017	WBS: _____
APPROVED BY:	EMP. NO:

JRUSA C10093 4/12/21

Transaction Details - Invoice Number 34223199

Project	Task	Contract Line
30015927 - MD001134.0001-JCPL/BOONTON, NEW JERSEY	00004 - Project Management	5 - MD001134.0001/00004

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
62553 - Jones Jackson, Legenetta	02/03/2021	1.00	54.00	54.00
Invoice preparations, backup and submittal				
62553 - Jones Jackson, Legenetta	02/18/2021	1.00	54.00	54.00
backup				
23893 - Collins, Lisa	01/26/2021	0.50	54.00	27.00
cost reports				
23893 - Collins, Lisa	02/04/2021	1.50	54.00	81.00
sub invoice review				
23893 - Collins, Lisa	02/05/2021	0.50	54.00	27.00
review staff rates				
23893 - Collins, Lisa	02/08/2021	0.50	54.00	27.00
edit rate schedule				
23893 - Collins, Lisa	02/09/2021	1.00	54.00	54.00
project financial support				
23893 - Collins, Lisa	02/12/2021	1.50	54.00	81.00
project review				
35671 - Maza, David	01/28/2021	1.00	122.00	122.00
timeframe extension				
35671 - Maza, David	01/29/2021	0.30	122.00	36.60
timeframe extension				
35671 - Maza, David	02/16/2021	0.30	122.00	36.60
review proposals and related communications				
24518 - Cuccuini, Jeremy	01/25/2021	1.00	131.00	131.00
January accruals				
24518 - Cuccuini, Jeremy	01/27/2021	1.00	131.00	131.00
weekly team meeting, PM				
24518 - Cuccuini, Jeremy	01/28/2021	0.50	131.00	65.50
Q4 ACO report				
24518 - Cuccuini, Jeremy	02/03/2021	1.50	131.00	196.50
weekly team meeting, PM				
24518 - Cuccuini, Jeremy	02/04/2021	0.50	131.00	65.50
extension request				
24518 - Cuccuini, Jeremy	02/05/2021	1.00	131.00	131.00
extension request, LSRP comments and discussion				
24518 - Cuccuini, Jeremy	02/09/2021	1.00	131.00	131.00
extension request, LSRP comments and discussion				
24518 - Cuccuini, Jeremy	02/10/2021	1.50	131.00	196.50
weekly team meeting, project coordination/PM				
24518 - Cuccuini, Jeremy	02/12/2021	0.50	131.00	65.50
January invoicing				
24518 - Cuccuini, Jeremy	02/17/2021	1.00	131.00	131.00

weekly team meeting, PM

24518 - Cuccuini, Jeremy 02/18/2021 0.50 131.00 65.50
january invoicing and monthly progress report

24518 - Cuccuini, Jeremy 02/19/2021 1.50 131.00 196.50
Jan invoicing and February accruals

24363 - Scillieri, Darren 01/25/2021 0.50 148.00 74.00
project coordination

24363 - Scillieri, Darren 01/27/2021 0.50 148.00 74.00
coordination

24363 - Scillieri, Darren 01/28/2021 0.50 148.00 74.00
coordination

24363 - Scillieri, Darren 02/01/2021 0.50 148.00 74.00
project coordination

24363 - Scillieri, Darren 02/03/2021 0.50 148.00 74.00
coordination

24363 - Scillieri, Darren 02/04/2021 0.50 148.00 74.00
coordination

24363 - Scillieri, Darren 02/08/2021 0.50 148.00 74.00
project coordination, well design

24363 - Scillieri, Darren 02/10/2021 0.50 148.00 74.00
project coordination

24363 - Scillieri, Darren 02/15/2021 0.50 148.00 74.00
project coordination, well design

24363 - Scillieri, Darren 02/17/2021 0.50 148.00 74.00
project coordination

25.60 2,846.70

Total Labor

2,846.70 USD

Total This Task

2,846.70 USD

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00014 - Pre-Design Investigation	15 - MD001134.0001/00014

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
39026 - Kane, Raleigh Analytical data review	02/01/2021	3.00	93.00	279.00
39026 - Kane, Raleigh Timesheet	02/08/2021	0.20	93.00	18.60
39026 - Kane, Raleigh SPLP Data Review; call with Leslee to discuss task	02/10/2021	1.20	93.00	111.60
39026 - Kane, Raleigh SPLP Data Review	02/11/2021	5.00	93.00	465.00
39026 - Kane, Raleigh SPLP Data Review and figure request	02/12/2021	3.00	93.00	279.00
39026 - Kane, Raleigh Timesheet	02/15/2021	0.30	93.00	27.90
38928 - Loving, Jeffrey Don	02/08/2021	0.40	68.00	27.20

JCPL Boonton, New Jersey file coordination

35671 - Maza, David call with LE re: IGW evaluation	01/25/2021	0.20	122.00	24.40
35671 - Maza, David follow up re: IGW evaluation, call with Andy	01/29/2021	0.40	122.00	48.80
35671 - Maza, David IGW evaluation	02/02/2021	0.30	122.00	36.60
35671 - Maza, David IGW evaluation	02/09/2021	1.80	122.00	219.60
24518 - Cuccuini, Jeremy PDI support, planning and next phases of GWTS	01/28/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy PDI support, planning and next phases of GWTS	01/29/2021	1.50	131.00	196.50
24518 - Cuccuini, Jeremy Onorati agreement support with exhibits and text	02/02/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy engineering estimate support, Onorati access agreement exhibit support	02/09/2021	2.00	131.00	262.00
24518 - Cuccuini, Jeremy engineering estimate support	02/11/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy engineering estimate support and review	02/15/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy engineering estimate support, review, submit to JCP&L Project Management	02/16/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy onorati agreement support, edits	02/17/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy Onorati agreement support, edits and submit to JCP&L Project Management	02/18/2021	0.50	131.00	65.50
38900 - Everett, Leslee Coordinate Boonton SPLP review.	02/01/2021	0.50	100.00	50.00
38900 - Everett, Leslee Review information from Raleigh and send over to D.Maza	02/02/2021	1.00	100.00	100.00
38900 - Everett, Leslee Compile files and upload to one location send to DM.	02/03/2021	0.50	100.00	50.00
38900 - Everett, Leslee Review questions from R. Kane on SPLP tables.	02/10/2021	0.50	100.00	50.00

26.80

2,901.20

Total Labor

2,901.20 USD

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Materials				
US1-200019220	03/09/2020	03/09/2020	Pine Environmental Services LLC	323.81
Tools & Equipment				
US1-200019220	03/09/2020	03/09/2020	Pine Environmental Services LLC	342.85
Total Other Reimbursable Charges				<u>666.66 USD</u>
Total This Task				<u>3,567.86 USD</u>

Project	Task	Contract Line
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Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
38225 - Oberlander, Roseanne CAD: Update IRM set for A. Sanchez	01/26/2021	2.30	68.00	156.40
38225 - Oberlander, Roseanne CAD: Update IRM set for A. Sanchez	01/27/2021	3.80	68.00	258.40
38225 - Oberlander, Roseanne CAD: Update figure for A. Sanchez	02/05/2021	0.30	68.00	20.40
38225 - Oberlander, Roseanne CAD: Update figure for A. Sanchez	02/09/2021	1.00	68.00	68.00
38225 - Oberlander, Roseanne CAD: Update figures for A. Sanchez	02/15/2021	1.70	68.00	115.60
38225 - Oberlander, Roseanne CAD: Update figure for J. DeSonier	02/18/2021	0.50	68.00	34.00
60027 - De Sonier, James Permitting Work, GWRC Design Work. Meetings with Team	02/09/2021	1.70	74.00	125.80
60027 - De Sonier, James Permitting Work, GWRC Design Work. Meetings with Team	02/11/2021	1.20	74.00	88.80
60027 - De Sonier, James Permitting Work, GWRC Design Work. Meetings with Team	02/12/2021	1.10	74.00	81.40
37889 - Sidoti, John team project design call	02/08/2021	0.50	148.00	74.00
37889 - Sidoti, John Electrical QA/QC	02/10/2021	2.00	148.00	296.00
37889 - Sidoti, John Electrical QA/QC	02/12/2021	0.50	148.00	74.00
37889 - Sidoti, John drawing QA/QC	02/12/2021	0.50	148.00	74.00
37889 - Sidoti, John electrical design QA/QC	02/18/2021	1.00	148.00	148.00
37889 - Sidoti, John electrical design QA/QC	02/19/2021	0.50	148.00	74.00
35562 - Fuller, Andrew review	01/27/2021	0.50	136.00	68.00
35562 - Fuller, Andrew team mtg	01/28/2021	1.50	136.00	204.00
35562 - Fuller, Andrew EIC design sppt	02/01/2021	0.50	136.00	68.00
35562 - Fuller, Andrew EIC design sppt	02/02/2021	0.50	136.00	68.00
35562 - Fuller, Andrew access agreement	02/03/2021	1.00	136.00	136.00
35562 - Fuller, Andrew access agreement	02/04/2021	2.00	136.00	272.00
35562 - Fuller, Andrew access agreement	02/05/2021	1.00	136.00	136.00
35562 - Fuller, Andrew	02/08/2021	2.50	136.00	340.00

procurement support, EIC design				
35562 - Fuller, Andrew	02/09/2021	0.50	136.00	68.00
procurement support, EIC design				
35562 - Fuller, Andrew	02/10/2021	1.00	136.00	136.00
Well installation planning				
35562 - Fuller, Andrew	02/11/2021	0.50	136.00	68.00
EIC design sppt, client request				
35562 - Fuller, Andrew	02/12/2021	1.50	136.00	204.00
EIC design sppt, client request				
35562 - Fuller, Andrew	02/15/2021	3.00	136.00	408.00
procurement support, EIC design, design support				
35562 - Fuller, Andrew	02/16/2021	2.00	136.00	272.00
procurement support, EIC design, design support				
35562 - Fuller, Andrew	02/18/2021	0.50	136.00	68.00
procurement support, EIC design, design support				
35562 - Fuller, Andrew	02/19/2021	0.50	136.00	68.00
procurement support, EIC design, design support				
38481 - Sanchez, Adriana	01/28/2021	0.50	113.00	56.50
Project call coordination				
38481 - Sanchez, Adriana	02/04/2021	1.00	113.00	113.00
Project call, design, permitting, exhibits				
38481 - Sanchez, Adriana	02/08/2021	1.00	113.00	113.00
EIC support, permits, exhibits for agreement				
38481 - Sanchez, Adriana	02/10/2021	0.50	113.00	56.50
EIC support, permits, exhibits for agreement				
38481 - Sanchez, Adriana	02/12/2021	0.50	113.00	56.50
EIC support, permits, exhibits for agreement				
38481 - Sanchez, Adriana	02/15/2021	1.00	113.00	113.00
drawings rev				
38481 - Sanchez, Adriana	02/19/2021	1.00	113.00	113.00
air permit				
38519 - Meyer, Julie	02/04/2021	1.50	68.00	102.00
J.DESONIER- GW CONTAINMENT SYSTEM TREATMENT DESIGN WITH AERIAL				
38519 - Meyer, Julie	02/05/2021	1.50	68.00	102.00
J.DESONIER- GW CONTAINMENT SYSTEM TREATMENT DESIGN WITH AERIAL				
35671 - Maza, David	02/04/2021	1.00	122.00	122.00
design team call				
35671 - Maza, David	02/06/2021	0.40	122.00	48.80
evaluate performance monitoring locations				
35671 - Maza, David	02/08/2021	2.00	122.00	244.00
evaluate performance monitoring wells, design team call, coordinate with design team re: RW construction, figure update				
35671 - Maza, David	02/10/2021	0.50	122.00	61.00
communications re: recovery well installations, call with PM				
35671 - Maza, David	02/11/2021	1.00	122.00	122.00
coordination re: recovery well installs, calls with drillers				
35671 - Maza, David	02/12/2021	0.50	122.00	61.00
call with driller, communications related to recovery well design				
35671 - Maza, David	02/17/2021	0.50	122.00	61.00
communications and coordination related to recovery well design and installation				
35671 - Maza, David	02/18/2021	1.00	122.00	122.00
communications and coordination related to recovery well design and installation, call with SGS				

35368 - Catchpole, Daniel Elec Design	02/08/2021	6.00	93.00	558.00
35368 - Catchpole, Daniel Elec Design	02/09/2021	5.50	93.00	511.50
35368 - Catchpole, Daniel Elec Design	02/12/2021	1.00	93.00	93.00

<u>65.50</u>	<u>7,102.60</u>
	7,102.60 USD

Total Labor

Total This Task

7,102.60 USD

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00016 - Permitting an Compliance	21 - MD001134.0001/00016

Labor

<u>Employee No. and Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>This Invoice</u>
60027 - De Sonier, James Call with Regulator	01/25/2021	0.60	74.00	44.40
60027 - De Sonier, James TWA work, email updates	01/26/2021	1.10	74.00	81.40
60027 - De Sonier, James Exhibit A Lease Figures and Test (Legal)	02/03/2021	1.30	74.00	96.20
60027 - De Sonier, James Exhibit A Lease Figures and Test (Legal)	02/04/2021	4.80	74.00	355.20
60027 - De Sonier, James Exhibit A Lease Figures and Test (Legal)	02/05/2021	2.70	74.00	199.80
60027 - De Sonier, James Permitting Work, GWRC Design Work. Meetings with Team	02/09/2021	1.20	74.00	88.80
60027 - De Sonier, James Permitting Work, GWRC Design Work. Meetings with Team	02/11/2021	1.20	74.00	88.80
60027 - De Sonier, James Permitting Work, GWRC Design Work. Meetings with Team	02/12/2021	1.20	74.00	88.80
60027 - De Sonier, James Exhibit A and B for Onorati Agreement	02/16/2021	1.50	74.00	111.00
60027 - De Sonier, James Exhibit A and B for Onorati Agreement	02/18/2021	3.00	74.00	222.00
60027 - De Sonier, James Exhibit A and B for Onorati Agreement	02/19/2021	1.00	74.00	74.00
23873 - Antczak, Bridget potential emissions calcs	02/15/2021	6.00	131.00	786.00
23873 - Antczak, Bridget look into naphthalene risk	02/16/2021	4.00	131.00	524.00
23873 - Antczak, Bridget call to discuss risk screening results	02/19/2021	0.50	131.00	65.50
24518 - Cucuini, Jeremy TWA permitting support	01/26/2021	1.00	131.00	131.00
24518 - Cucuini, Jeremy	01/29/2021	0.50	131.00	65.50

client updates on permitting status and internal coordination

24518 - Cucuini, Jeremy	02/02/2021	1.50	131.00		196.50
permitting support, TWA updates and next steps					
24518 - Cucuini, Jeremy	02/04/2021	1.00	131.00		131.00
permitting meeting, TWA updates and next steps					
24518 - Cucuini, Jeremy	02/09/2021	0.50	131.00		65.50
support and coordination					
24518 - Cucuini, Jeremy	02/12/2021	0.50	131.00		65.50
support and coordination					
24518 - Cucuini, Jeremy	02/16/2021	1.00	131.00		131.00
TWA and Air Permit support					
		36.10			3,611.90
Total Labor					3,611.90 USD
Total This Task					3,611.90 USD
Total This Project					17,129.06 USD
Total This Invoice					17,129.06 USD
Total This Invoice					17,129.06 USD

**Table 1
Action Plan as of 15 March 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2018	Submitted

Table 1
Action Plan as of 16 March 2021
Boonton, New Jersey, Former MGP Site

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2018. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set at 90% complete as of March 2021, with final design expected by early April for bid package.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with permit application ongoing, and will be finalized/submitted once system design is finalized. SESP also initiated in April 2020, and will be submitted once system design is finalized. NJPDES and Air permit to be submitted in April 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cuccuini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

ARCADIS

JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2018				2019				2020				2021				2022				2023							
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
1	Boonton, NJ Former MGP Site Remediation	Fri 8/28/09	Fri 1/20/23	[Gantt bar]																											
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18	[Gantt bar]																											
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18	[Gantt bar]																											
29	Groundwater RAWP Implementation	Fri 5/31/19	Fri 1/20/23	[Gantt bar]																											
30	Pre-Design Investigation	Fri 5/31/19	Tue 12/31/19	[Gantt bar]																											
31	Design Process	Wed 1/1/20	Tue 3/31/20	[Gantt bar]																											
32	Procurement	Wed 4/1/20	Tue 8/1/20	[Gantt bar]																											
33	Revise/submit to property owner/meet to discuss	Wed 4/1/20	Tue 4/28/20	[Gantt bar]																											
34	Prepare and submit remedial implementation proposal	Wed 4/29/20	Tue 5/26/20	[Gantt bar]																											
35	JCP&L review of remedial implementation proposal	Wed 5/27/20	Tue 6/9/20	[Gantt bar]																											
36	JCP&L approval of remedial implementation proposal	Tue 6/9/20	Tue 6/9/20	[Gantt bar]																											
37	Prepare Contract Documents	Wed 6/10/20	Tue 7/7/20	[Gantt bar]																											
38	Bid Solicitation	Wed 7/8/20	Tue 7/28/20	[Gantt bar]																											
39	Bid Evaluation	Wed 7/29/20	Tue 8/11/20	[Gantt bar]																											
40	Award Contract	Wed 8/12/20	Tue 8/1/20	[Gantt bar]																											
41	Implementation	Mon 7/6/20	Fri 3/26/21	[Gantt bar]																											
42	LURP and NJPDES Permitting	Mon 3/2/20	Fri 8/14/20	[Gantt bar]																											
43	Community Outreach	Mon 6/1/20	Fri 7/31/20	[Gantt bar]																											
44	JCP&L issues notice to proceed	Wed 9/2/20	Tue 9/8/20	[Gantt bar]																											
45	Mobilization	Wed 9/9/20	Tue 9/22/20	[Gantt bar]																											
46	Remedial Implementation	Wed 9/23/20	Tue 1/26/21	[Gantt bar]																											
47	Post Remedial Action Activities	Wed 1/27/21	Fri 1/20/23	[Gantt bar]																											
57	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Thu 1/13/22	[Gantt bar]																											
58	Conceptual Design	Mon 1/9/17	Thu 1/13/22	[Gantt bar]																											
59	JCP&L procurement for surface soil sampling/analysis	Mon 1/9/17	Fri 3/31/17	[Gantt bar]																											
60	Pre-design Activities	Mon 4/3/17	Tue 5/30/17	[Gantt bar]																											
63	Deed Notices (offsite)	Mon 5/31/21	Thu 1/13/22	[Gantt bar]																											
73	Supplemental Soil RAWP Preparation	Mon 9/7/20	Fri 5/14/21	[Gantt bar]																											
74	RAWP Preparation	Mon 9/7/20	Fri 5/14/21	[Gantt bar]																											
84	Supplemental Soil RAWP Implementation	Mon 10/19/20	Fri 1/20/23	[Gantt bar]																											
85	Procurement	Mon 4/26/21	Fri 8/13/21	[Gantt bar]																											
90	Implementation	Mon 10/19/20	Fri 1/7/22	[Gantt bar]																											
96	Post Remedial Action Activities	Mon 1/10/22	Fri 1/20/23	[Gantt bar]																											

Project: Boonton Date: Thu 4/23/20	Task		External MileTask		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Progress	
	External Tasks		Duration-only		Split	

Table 1
Budget Status by Site Remediation through 21 February 2021
Borden Farm MGP Site
Borden, New Jersey
Purchase Order No. 55115985

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET ¹	CURRENT TASK BUDGET	CURRENT FINANCE AMOUNT	CUT OF SCOPE WORK THIS PERIOD ²	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETED
Phase 1, SBA Remediation									
1	Annual Progress Reporting, including CBA Proposal ³	11,470	11,470	0	0	12,079	12,079	(509)	100%
2	Updates to Groundwater Modeling	28,372	28,372	0	0	28,291	28,291	81	100%
3	Preparation of RUPP Addendum	23,236	79,753	0	0	79,758	79,758	67	100%
4	Project Management	2,372	147,826	2,847	0	145,517	148,184	(1,466)	101%
5	LSPF Services	13,500	47,890	912	0	42,871	44,393	3,497	93%
6	Soil Disturbance Evaluation	5,044	5,044	0	0	9,463	9,464	(4,419)	187%
7	Address Negotiations and Soil Sampling	47,549	56,034	0	0	84,319	84,918	(1,115)	98%
8	Supplemental Remedial Investigation Report	18,887	61,792	0	0	64,615	64,633	(2,643)	104%
9	Address Characterization	6,950	6,950	0	0	7,626	7,628	(66)	114%
10	Groundwater Sampling	42,523	46,810	0	0	46,190	46,199	173	109%
11	Surface Water and Sediment Sampling	33,710	41,840	0	0	23,344	23,344	18,496	56%
12	Data Evaluation and Reporting	10,269	10,269	0	0	11,481	11,469	(481)	96%
13	PEI Permit Evaluation, Remedial Action, Data Evaluation	31,242	31,243	0	0	16,572	16,572	(5,329)	119%
14	Pre-Design Investigation	287,843	452,183	3,598	0	432,040	438,868	(3,228)	101%
15	Groundwater Containment System Design	68,760	118,370	7,102	0	113,882	122,885	(3,999)	102%
16	Permitting and Compliance	37,342	75,574	3,672	0	32,780	38,362	40,183	48%
TOTALS (Y):		872,614	1,300,245	17,741	0	1,345,141	1,262,812	40,463	57%

Notes:

1. Work authorized by Purchase Order Number 55115885 dated 12/19/12 in accordance with the Arcadis proposal dated 5/22/12.
2. Task 4 authorized by written notice to amend by JF&L, dated 5/24/12.
3. Task 2 and 4 authorized by change order #3, dated 5/25/12, to purchase order 55115885 in accordance with the Arcadis proposal dated 5/22/12.
4. Update to compensation in the amount of \$25,054 added to project budget per the Arcadis proposal dated 2/21/15 and approved by JF&L on 2/21/15.
5. Update to compensation in the amount of \$13,673 added to project budget per the Arcadis proposal dated 9/27/15, and approved by JF&L Change Order #7 on 9/25/15.
6. Update to compensation in the amount of \$89,474 added to project budget per the Arcadis proposal dated 2/4/16, and approved by JF&L Change Order #8 on 2/18/16.
7. Update to compensation in the amount of \$88,823 added to project budget per the Arcadis proposal dated 7/20/16 and approved by JF&L Change Order #9 on 8/2/16.
8. Update to compensation in the amount of \$15,000 added to project budget per the Arcadis proposal dated 8/18/16 and approved by JF&L Change Order #10 on 8/23/16.
9. Update to compensation in the amount of \$11,340 added to project budget per the Arcadis proposal dated 11/12/16 and approved by JF&L Change Order #11 on 12/1/16.
10. Update to compensation in the amount of \$94,630 added to project budget per the Arcadis proposal dated 4/13/17 and approved by JF&L Change Order #12 on 4/13/17.
11. Update to compensation in the amount of \$19,642 added to project budget per the Arcadis proposal dated 5/15/17 and approved by JF&L Change Order #13 on 10/2/17.
12. Update to compensation in the amount of \$23,180 added to project budget per the Arcadis proposal dated 12/16/17 and approved by JF&L Change Order #14 on 10/31/2018.
13. Update to compensation in the amount of \$58,446 added to project budget per the Arcadis proposal dated 2/17/19 and approved by JF&L Change Order #15 on 3/29/19.
14. Update to compensation in the amount of \$12,380 added to project budget per the Arcadis proposal dated 4/16/19 and approved by JF&L Change Order #16 on 4/23/19.
15. Update to compensation in the amount of \$29,350 added to project budget per the Arcadis proposal dated 9/21/20 and approved by JF&L Change Order #17 on 10/7/20.
16. Update to compensation in the amount of \$29,223 added to project budget per the Arcadis proposal dated 11/17/20 and approved by JF&L Change Order #18 on 12/9/20.

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Subject:
Monthly Progress Report (MPR) – February 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 25 January 2021 and ending 21 February 2021. This report is compliant with the requirements of Purchase Order Number 55115885 between JCP&L and Arcadis, and pursuant to the specified Scope of Work.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.
- Assistance with NJDEP remedial action timeframe extension evaluation and rational.
- Ongoing assistance regarding the local sewer authority (Parsippany-Troy Hills) discharge treatment requirements and assistance with discharge agreements, ordinance reviews and client follow-up.
- Ongoing assistance with access agreements with the property owner associated with groundwater treatment system areas, access and treatment system component construction.

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

ENVIRONMENT

Date:
19 March 2021

Contact:
Jeremy Cuccuini

Phone:
609.366.9033

Email:
Jeremy.cuccuini@arcadis-us.com

Our ref:
MD001134.0001

- Continuation of design related tasks associated with the proposed groundwater containment system.
- Evaluate site-specific impact to groundwater soil standards based on pre-design SPLP soil results data. Process rental equipment charges per soil sampling field activities.
- Additional support with NJPDES discharge permitting (TWA) and associated air permitting preparation.
- The most recent MPR for January 2021 was submitted on 21 February 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 April 2021.

Section 3: Action Plan

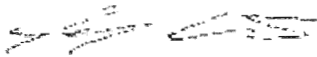
Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 March 2021 through 15 May 2021).

The overall project budget for the current phases of work including Phase 0001 (Annual Progress Reporting, Including CEA Proposal), Phase 0002 (Updates to Groundwater Model), Phase 003 (Preparation of RAWP addendum), Phase 004 (Project Management), Phase 006 (Soil Delineation Evaluation), Phase 007 Access Negotiations and Soil Sampling), Phase 008 (Supplemental Remedial Investigation Report), Phase 009 (Access Coordination), Phase 010 (Groundwater Sampling), Phase 011 (Surface Water and Sediment Sampling), Phase 012 (Data Evaluation and Reporting), Phase 13 (PDI Permit Evaluation, Reconnaissance and Data Management), Phase 14 (Pre-Design Investigation), Phase 15 Groundwater Containment System Design and Phase 16 Permitting and Compliance is shown on Table 2. Table 2 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cuccuini
Certified Project Manager

Copies:

D. Scillierj, Arcadis

D. Maza, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 3/24/21

Invoice Date	24-Mar-2021	Invoice Number	34223198
Due Date	08-May-2021	Payment Term	45 days
PO# 55115885			
Arcadis Reference Number	MD001134.0001	Project Number	30015927
Arcadis Reference Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY	Project Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY
Services Through	21-Feb-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 21-Feb-2021

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00005 - LSRP Services	6 - MD001134.0001/00005

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Thompson, David	4.50	Hours	136.00 ✓	612.00
	<u>4.50</u>			<u>612.00</u>
Total This Task				612.00 USD
Total This Project				612.00 USD
Total This Invoice				612.00 USD

approval stamp on next page

Total This Invoice 612.00 USD

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N

Remittance Address: Remit-Mailbox@arcadis-us.com

Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.

SFS# 1121814378 Fax # 38044779
pay only \$61200

APPROVAL STAMP	
P.O. NO. <u>55115885/2</u>	INV. NO. <u>34223198</u>
COMPANY CODE: SCOO	COST CENTER _____
COST ELEMENT (GL ACCT.): <u>550300</u>	
ORDER: <u>3001017</u>	WBS: _____
APPROVED BY:	EMP. NO:

JRuser C10093 4/12/21

Transaction Details - Invoice Number 34223198

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00005 - LSRP Services	6 - MD001134.0001/00005

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35155 - Thompson, David Weekly status call	01/27/2021	0.50	136.00	68.00
35155 - Thompson, David Weekly status call	02/03/2021	0.50	136.00	68.00
35155 - Thompson, David Timeframe extension form	02/05/2021	0.50	136.00	68.00
35155 - Thompson, David Timeframe extension notification	02/09/2021	1.00	136.00	136.00
35155 - Thompson, David Draft timeframe extension rationale	02/12/2021	1.00	136.00	136.00
35155 - Thompson, David Weekly status call, Timeframe extension	02/17/2021	1.00	136.00	136.00
		4.50		612.00
Total Labor				612.00 USD
Total This Task				612.00 USD
Total This Project				612.00 USD
Total This Invoice				612.00 USD
			Total This Invoice	612.00 USD

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

Subject:
Monthly Progress Report (MPR) LSRP Services –February 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

ENVIRONMENT

Dear Ms. Rusu:

The following summarizes Licensed Site Remediation Professional (LSRP) related project activities performed by Arcadis for the above referenced site during the billing period beginning 25 January 2021 and ending 21 February 2021.

Date:
24 March 2021

Section 1: Work Performed

Contact:
Jeremy Cuccuini

The following work was performed during the period under Purchase Order Number 55115885:

Phone:
609.366.9033

- LSRP time for project team calls and general team/project communication.
Provide Remedial Action timeframe review and extension request support.

Email:
Jeremy.cuccuini@arcadis-us.com

If you have any questions about this report, please do not hesitate to contact the undersigned.

Our ref:
MD001134.0001

Sincerely,

Arcadis U.S., Inc.

Jeremy Cuccuini
Project Manager

Copies:
D. Scillieri, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 4/26/21

Invoice Date	26-Apr-2021	Invoice Number	34228823
Due Date	10-Jun-2021	Payment Term	45 days
PO# 55130412			
Arcadis Reference Number	30083906	Project Number	30083906
Arcadis Reference Name	30083906 - JCPL Boonton	Project Name	30083906 - JCPL Boonton
Services Through	21-Mar-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 21-Mar-2021

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Jones Jackson, Legenetta	1.75	Hours	54.00 ✓	94.50
Collins, Lisa	3.80	Hours	54.00 ✓	205.20
Cuccuini, Jeremy	7.50	Hours	131.00 ✓	982.50
Scillieri, Darren	4.50	Hours	148.00 ✓	666.00
	17.55			1,948.20

Total This Task **1,948.20 USD**

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00002 - Procurement Assistance	2 - Task 00002

Labor

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N
Remittance Address: Remit-Mailbox@arcadis-us.com			
Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.			

approval stamp in pg 2

Employee Name	Quantity	UOM	Rate	This Invoice
Oberlander, Roseanne	2.30	Hours	68.00 ✓	156.40
De Sonier, James	9.50	Hours	74.00 ✓	703.00
Fuller, Andrew	5.50	Hours	136.00 ✓	748.00
Tetreault, Katherine	14.80	Hours	74.00 ✓	1,095.20
Mastrocola, Krista	4.50	Hours	122.00	549.00
Maza, David	2.90	Hours	122.00 ✓	353.80
	<u>39.50</u>			<u>3,605.40</u>
Subcontracting				1,551.50
Reimbursable Expenses				248.90
Total This Task				<u>5,405.80 USD</u>
Total This Project				<u>7,354.00 USD</u>
Total This Invoice				<u>7,354.00 USD</u>
Total This Invoice				<u>7,354.00 USD</u>

SFS# 11219 72021 Fax # 38040049
APPROVAL STAMP

P.O. NO. 55130412 / INV. NO. 34228823

COMPANY CODE: SC00 COST CENTER _____

COST ELEMENT (GL ACCT): 550300

ORDER: 3001017 WBS: _____

APPROVED BY: _____ LMP NO: _____

J. Resu C10093 5/12/21

Transaction Details - Invoice Number 34228823

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

<u>Employee No. and Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>This Invoice</u>
62553 - Jones Jackson, Legenetta	02/22/2021	0.50	54.00	27.00
preparation of finalized and submittal and cancellation				
62553 - Jones Jackson, Legenetta	02/24/2021	1.25	54.00	67.50
preparation of finalized and submittal and cancellation				
23893 - Collins, Lisa	03/03/2021	0.50	54.00	27.00
edit project and rate schedule				
23893 - Collins, Lisa	03/16/2021	2.50	54.00	135.00
set up new project and forecast				
23893 - Collins, Lisa	03/17/2021	0.80	54.00	43.20
edit project				
24518 - Cuccuini, Jeremy	02/22/2021	2.00	131.00	262.00
January monthly progress report, invoicing, and project budget reviews				
24518 - Cuccuini, Jeremy	02/24/2021	0.50	131.00	65.50
weekly team meeting and follow-up, PM				
24518 - Cuccuini, Jeremy	03/01/2021	0.50	131.00	65.50
project accounting/PM				
24518 - Cuccuini, Jeremy	03/03/2021	1.00	131.00	131.00
weekly team meeting and follow-up, PM				
24518 - Cuccuini, Jeremy	03/10/2021	1.00	131.00	131.00
weekly team meeting and follow-up, PM				
24518 - Cuccuini, Jeremy	03/12/2021	0.50	131.00	65.50
February invoicing				
24518 - Cuccuini, Jeremy	03/16/2021	1.00	131.00	131.00
process new PO/accounting, PM				
24518 - Cuccuini, Jeremy	03/19/2021	1.00	131.00	131.00
February invoicing, PM/coordination				
24363 - Scillieri, Darren	02/22/2021	0.50	148.00	74.00
project coordination				
24363 - Scillieri, Darren	02/24/2021	1.50	148.00	222.00
project coordination, project team call, design team conference call				
24363 - Scillieri, Darren	03/01/2021	0.50	148.00	74.00
project coordination				
24363 - Scillieri, Darren	03/03/2021	1.00	148.00	148.00
project coordination, project team call, design team conference call				
24363 - Scillieri, Darren	03/10/2021	1.00	148.00	148.00
project team conference call, project coordination				
		17.55		1,948.20
Total Labor				1,948.20 USD
Total This Task				1,948.20 USD

Project 30083906 - 30083906 - JCPL Boonton **Task** 00002 - Procurement Assistance **Contract Line** 2 - Task 00002

Labor

<u>Employee No. and Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>This Invoice</u>
38225 - Oberlander, Roseanne CAD: Provide text document for K. Mastrocola	03/16/2021	2.30	68.00	156.40
60027 - De Sonier, James RFP Write Up	03/16/2021	1.00	74.00	74.00
60027 - De Sonier, James RFP Write Up	03/17/2021	5.50	74.00	407.00
60027 - De Sonier, James RFP Write Up	03/18/2021	3.00	74.00	222.00
35562 - Fuller, Andrew procurement support, access agreement support	02/25/2021	1.00	136.00	136.00
35562 - Fuller, Andrew procurement support, access agreement support	03/01/2021	2.00	136.00	272.00
35562 - Fuller, Andrew procurement support, access agreement support	03/02/2021	1.50	136.00	204.00
35562 - Fuller, Andrew procurement support, access agreement support	03/04/2021	1.00	136.00	136.00
37522 - Tetreault, Katherine Kick off call	03/10/2021	0.60	74.00	44.40
37522 - Tetreault, Katherine Review HASP, mobilization	03/11/2021	1.00	74.00	74.00
37522 - Tetreault, Katherine Collect field supplies, Review GPS	03/13/2021	3.20	74.00	236.80
37522 - Tetreault, Katherine Video Logging and Markout	03/15/2021	10.00	74.00	740.00
25081 - Mastrocola, Krista Project update and RFP Kickoff	02/24/2021	0.50	122.00	61.00
25081 - Mastrocola, Krista Preparation of RFP/Procurement Package	03/16/2021	4.00	122.00	488.00
35671 - Maza, David calls with Kate, review well construction info, communications	03/15/2021	0.80	122.00	97.60
35671 - Maza, David procurement call, team call re: site walk observations and drilling approach and related communications, coordinate with drillers	03/16/2021	2.00	122.00	244.00
35671 - Maza, David review vendor invoices	03/19/2021	0.10	122.00	12.20
		39.50		3,605.40
Total Labor				3,605.40 USD

Subcontracting

<u>Invoice Number</u>	<u>Invoice Date</u>	<u>Supplier Name</u>	<u>Cost</u>	<u>Times</u>	<u>This Invoice</u>
Subcontractor 1					
379120	03/18/2021	Ground Penetrating Radar	1,450.00	1.0700	1,551.50

Systems, LLC

Total Subcontracting 1,551.50 USD
Reimbursable Expenses

	Expense Report Number	Report Date	Employee/Description	This Invoice
Car Mileage	US3559760998	03/15/2021	Tetreault, Katherine/62.8 office to site63.9 site to office	70.95 ✓
	US3638099273	03/17/2021	Fuller, Andrew/Site meeting	86.24 ✓
Food & Drinks	US3559760998	03/15/2021	Tetreault, Katherine/Lunch	15.00 ✓
	US3559760998	03/13/2021	Tetreault, Katherine/Equipment for mark out	59.12 ✓
Materials	US3559760998	03/15/2021	Tetreault, Katherine/Equipment for mark out	4.24 ✓
	US3559760998	03/15/2021	Tetreault, Katherine/tolls	12.35 ✓
Parking	US3638099273	03/17/2021	Fuller, Andrew/Miscellaneous-Parking / Toll	1.00 ✓
	Total Reimbursable Expenses			<u>248.90 USD</u>
Total This Task			<u>5,405.80 USD</u>	

Total This Project 7,354.00 USD
Total This Invoice 7,354.00 USD
Total This Invoice 7,354.00 USD

**Table 1
Action Plan as of 15 April 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cucuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cucuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cucuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cucuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cucuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cucuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cucuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cucuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cucuini, Dave Maza	NA	Submitted April 2018	Submitted

**Table 1
Action Plan as of 15 April 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set at 90% complete as of March 2021, with final design expected by early May for bid package.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with permit application ongoing, and will be finalized/submitted once system design is finalized. SESCO also initiated in April 2020, and will be submitted once system design is finalized. NJPDES and Air permit to be submitted in May 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cuccuini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

ARCADIS

JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2020				2021				2022				2023				2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Boonton, NJ Former MGP Site Remediation	Fri 1/10/03	Fri 1/31/25																				
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18																				
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18																				
29	Groundwater RAWP Implementation	Thu 1/9/20	Wed 2/8/23																				
30	Pre-Design Investigation	Thu 1/9/20	Wed 9/30/20																				
31	Design Process	Thu 10/1/20	Wed 3/17/21																				
32	Procurement	Thu 3/18/21	Wed 6/16/21																				
40	Implementation	Thu 6/17/21	Wed 9/22/21																				
44	Post Remedial Action Activities	Thu 9/23/21	Wed 2/8/23																				
54	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
55	Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
60	Supplemental Soil RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
61	RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
71	Supplemental Soil RAWP Implementation	Mon 9/13/21	Fri 1/20/23																				
72	Procurement	Mon 4/11/22	Fri 7/22/22																				
77	Implementation	Mon 9/13/21	Fri 11/4/22																				
83	Post Remedial Action Activities	Mon 4/4/22	Fri 1/20/23																				
92	Groundwater OM&M	Mon 10/4/21	Fri 1/31/25																				

Project: Boonton
 Date: Thu 4/8/21

Task		External MileTask		Manual Summary Rollup	
Split		Inactive Task		Manual Summary	
Milestone		Inactive Milestone		Start-only	
Summary		Inactive Summary		Finish-only	
Project Summary		Manual Task		Progress	
External Tasks		Duration-only		Split	

Table 3
 Budget Status for Site Remediation through 21 March 2021
 Boonton Former MGP Site
 Boonton, New Jersey

Purchase Order No. 55130412

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET ¹	CURRENT TASK BUDGET	CURRENT INVOICE AMOUNT	OUT OF SCOPE WORK THIS PERIOD	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
<i>Phase 1, Site Remediation</i>									
4	Project Management	30,030	30,030	1,948	0	0	1,948	28,082	6%
17	Procurement Assistance	42,861	42,861	3,605	0	0	3,605	39,256	8%
TOTALS (\$):		72,891	72,891	5,554	0	0	5,554	67,337	8%

Notes:

1. Work authorized by Purchase Order Number 55130412 dated 2/16/21 in accordance with the Arcadis Proposal dated 2/16/21.

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Subject:

**Monthly Progress Report (MPR) – March 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey**

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 22 February 2021 and ending 21 March 2021. This report is compliant with the requirements of Purchase Order Number 55115885 and 55130412 between JCP&L and Arcadis, and pursuant to the specified Scope of Work.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Ongoing assistance regarding the local sewer authority (Parsippany-Troy Hills) discharge treatment requirements and assistance with discharge agreements, ordinance reviews and client follow-up.
- Ongoing assistance with access agreements with the property owner associated with groundwater treatment system areas, access and treatment system component construction.
- Continuation of design related tasks associated with the proposed groundwater containment system.
- Evaluate site-specific impact to groundwater soil standards based on pre-design SPLP soil results data. Process rental equipment charges per soil sampling field activities.

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

ENVIRONMENT

Date:
26 April 2021

Contact:
Jeremy Cuccuini

Phone:
609.366.9033

Email:
Jeremy.cuccuini@arcadis-us.com

Our ref:
MD001134.0001

- Additional support with NJPDES discharge permitting (TWA) and associated air permitting preparation.

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.
- Procurement assistance associated with pending groundwater treatment system bid package submittal.
- Conduct storm video survey and mark out areas of proposed groundwater treatment system for onsite meetings with property owner.

The most recent MPR for January 2021 was submitted on 19 March 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 May 2021.

Section 3: Action Plan

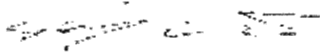
Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 April 2021 through 15 June 2021).

The overall project budget for the current phases of work under PO 55115885 including Phase 14 (Pre-Design Investigation), Phase 15 Groundwater Containment System Design and Phase 16 Permitting and Compliance is shown on Table 2. The overall project budget for the current phases of work under PO 55130412 including Task 1 Project Management and Task 2 Procurement Assistance, is shown on Table 3. Table 2 and Table 3 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cuccuini
Certified Project Manager

Copies:

D. Scillieri, Arcadis

D. Maza, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 4/26/21

Invoice Date	26-Apr-2021	Invoice Number	34228835
Due Date	10-Jun-2021	Payment Term	45 days
PO# 55115885			
Arcadis Reference Number	MD001134.0001	Project Number	30015927
Arcadis Reference Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY	Project Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY
Services Through	21-Mar-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 21-Mar-2021

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00014 - Pre-Design Investigation	15 - MD001134.0001/00014

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Wahlberg, Jennifer	1.80	Hours	113.00 ✓	203.40
Tetreault, Katherine	1.50	Hours	74.00 ✓	111.00
Fatto, Tracey	1.00	Hours	68.00 ✓	68.00
Meyer, Julie	0.50	Hours	68.00 ✓	34.00
Maza, David	16.80	Hours	122.00 ✓	2,049.60
Cuccuini, Jeremy	23.00	Hours	131.00 ✓	3,013.00
	44.60			5,479.00

approval stamp on 3rd page

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N

Remittance Address: Remit-Mailbox@arcadis-us.com
 Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.

Reimbursable Expenses

157.21

Total This Task
5,636.21 USD

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00015 - GW Containment System Design	20 - MD001134.0001/00015

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Oberlander, Roseanne	2.90	Hours	68.00 ✓	197.20
Marsek, Matthew	20.00	Hours	85.00 ✓	1,700.00
De Sonier, James	6.90	Hours	74.00 ✓	510.60
Sidoti, John	9.50	Hours	148.00 ✓	1,406.00
Fuller, Andrew	23.50	Hours	136.00 ✓	3,196.00
Sanchez, Adriana	5.00	Hours	113.00 ✓	565.00
Gerdeman, David	1.00	Hours	148.00 ✓	148.00
Maza, David	1.70	Hours	122.00 ✓	207.40
Catchpole, Daniel	11.50	Hours	93.00 ✓	1,069.50
Pyle, Matthew	2.50	Hours	63.00 ✓	157.50
	84.50			9,157.20

Total This Task
9,157.20 USD

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00016 - Permitting an Compliance	21 - MD001134.0001/00016

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
De Sonier, James	11.80	Hours	74.00 ✓	873.20
Antczak, Bridget	8.00	Hours	131.00 ✓	1,048.00
Fuller, Andrew	5.00	Hours	136.00 ✓	680.00
Sanchez, Adriana	1.00	Hours	113.00 ✓	113.00
Cuccuini, Jeremy	6.00	Hours	131.00 ✓	786.00
	31.80			3,500.20

Total This Task	<u>3,500.20 USD</u>
Total This Project	<u>18,293.61 USD</u>
Total This Invoice	<u>18,293.61 USD</u>
Total This Invoice	<u>18,293.61 USD</u>

SES# 1121972012 Fax# 38040040
APPROVAL STAMP

P.O. NO. 55115885 / INV. NO. 342 28835

COMPANY CODE: S000 COST CENTER _____

COST ELEMENT (C/C ACCL): 550300

ORDER 3001017 WBS: _____

APPROVED: _____ EMP NO: _____

J. Rusu C10093 5/12/21

Transaction Details - Invoice Number 34228835

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00014 - Pre-Design Investigation	15 - MD001134.0001/00014

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
36492 - Wahlberg, Jennifer Internal meeting RE recovery wells and performance monitoring	03/03/2021	1.00	113.00	113.00
36492 - Wahlberg, Jennifer Recovery well drawdown map	03/10/2021	0.80	113.00	90.40
37522 - Tetreault, Katherine Demobilization	03/16/2021	1.50	74.00	111.00
38442 - Fatto, Tracey CAD location coordinates from figure, in NJ state plane and convert to also provide Lat-Long (D.Maza)	03/09/2021	1.00	68.00	68.00
38519 - Meyer, Julie r.kane- igwssl or igwsrs exceedance figure edits	03/02/2021	0.50	68.00	34.00
35671 - Maza, David coordinate pipe video inspection, communications with Andy, well install proposal	02/25/2021	2.80	122.00	341.60
35671 - Maza, David coordinate pipe video inspection, calls with PM	02/26/2021	1.00	122.00	122.00
35671 - Maza, David communications re: well installs, coordinate video logging	03/01/2021	0.50	122.00	61.00
35671 - Maza, David coordinate pipe video logging	03/02/2021	0.20	122.00	24.40
35671 - Maza, David evaluate groundwater data, need for vertical profiling, performance monitoring well locations, technical team call, evaluate RW construction	03/03/2021	2.20	122.00	268.40
35671 - Maza, David call with PM, coordinate IGW evaluation, coordinate well install	03/04/2021	0.60	122.00	73.20
35671 - Maza, David review IGW and SPLP info from Raleigh	03/05/2021	0.30	122.00	36.60
35671 - Maza, David well install proposal	03/07/2021	0.50	122.00	61.00
35671 - Maza, David well install proposal and coordination	03/08/2021	0.50	122.00	61.00
35671 - Maza, David IGW evaluation, call with Carmine, communications with SGS, review SGS pricing, well install planning and proposal	03/09/2021	2.00	122.00	244.00
35671 - Maza, David coordinate pipe inspection and treatment system markout, call with PM, call with Kate, subcontracting coordination, call with Paul re: proposal support and IGW evaluation	03/10/2021	2.50	122.00	305.00
35671 - Maza, David coordinate pipe inspection and treatment system markout, subcontracting, proposal	03/11/2021	1.60	122.00	195.20
35671 - Maza, David coordinate site visit, coordinate utility locate and well install, call with Paul	03/12/2021	0.80	122.00	97.60
35671 - Maza, David RW Install schedule, communications, subcontractor coordination, email for Jay re: drilling methods	03/18/2021	1.30	122.00	158.60
24518 - Cucuini, Jeremy Onorati access assistance, planning, Parsippany Sewer requests regarding new design	02/22/2021	1.50	131.00	196.50

24518 - Cucuini, Jeremy	02/23/2021	1.50	131.00	196.50
Onorati access assistance, planning, Parsippany Sewer requests regarding new design				
24518 - Cucuini, Jeremy	02/26/2021	1.00	131.00	131.00
Onorati access assistance, planning, Parsippany Sewer requests regarding new design				
24518 - Cucuini, Jeremy	03/01/2021	1.00	131.00	131.00
Onorati access assistance, planning, Parsippany Sewer requests				
24518 - Cucuini, Jeremy	03/02/2021	1.00	131.00	131.00
Onorati access assistance, meeting prep, driller coordination and discussion, costs review				
24518 - Cucuini, Jeremy	03/04/2021	0.50	131.00	65.50
Onorati site visit and driller inspection prep				
24518 - Cucuini, Jeremy	03/09/2021	1.00	131.00	131.00
Onorati access assistance, meeting prep, driller coordination and discussion, costs review				
24518 - Cucuini, Jeremy	03/11/2021	1.00	131.00	131.00
Onorati site visit and driller inspection prep				
24518 - Cucuini, Jeremy	03/15/2021	7.00	131.00	917.00
site visit/inspection with driller, mark out proposed well and treatment system footprint, follow-up coordination				
24518 - Cucuini, Jeremy	03/17/2021	6.50	131.00	851.50
Site visit with Onorati and follow-up				
24518 - Cucuini, Jeremy	03/18/2021	1.00	131.00	131.00
field follow-up on findings and schedule				
			44.60	5,479.00
Total Labor				5,479.00 USD

Reimbursable Expenses

	Expense Report Number	Report Date	Employee/Description	This Invoice
Car Mileage				
	US3571445216	03/15/2021	Cucuini, Jeremy/site visit	72.80
	US3571445216	03/17/2021	Cucuini, Jeremy/site visit	72.80
Food & Drinks				
	US3571445216	03/17/2021	Cucuini, Jeremy/lunch	11.61
Total Reimbursable Expenses				157.21 USD
Total This Task				5,636.21 USD

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00015 - GW Containment System Design	20 - MD001134.0001/00015

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
38225 - Oberlander, Roseanne CAD: Update set for A. Sanchez	02/25/2021	1.80	68.00	122.40
38225 - Oberlander, Roseanne CAD: Update figure for A. Fuller	02/26/2021	0.80	68.00	54.40
38225 - Oberlander, Roseanne CAD: Update figure for J. DeSonier	03/10/2021	0.30	68.00	20.40
72210 - Marsek, Matthew Electrical Drawings	03/01/2021	8.00	85.00	680.00
72210 - Marsek, Matthew	03/02/2021	8.00	85.00	680.00

Electrical Drawings

72210 - Marsek, Matthew Electrical Drawings	03/03/2021	4.00	85.00	340.00
60027 - De Sonier, James Exhibit A Edits. Meeting with Team. Emails.	02/22/2021	1.60	74.00	118.40
60027 - De Sonier, James Exhibit A Edits. Meeting with Team. Emails.	02/23/2021	0.60	74.00	44.40
60027 - De Sonier, James Exhibit A Edits. Meeting with Team. Emails.	02/24/2021	0.70	74.00	51.80
60027 - De Sonier, James RFP Write Up	03/19/2021	4.00	74.00	296.00
37889 - Sidoti, John electrical design coord.	02/22/2021	1.00	148.00	148.00
37889 - Sidoti, John electrical design: single line, site plan	02/25/2021	0.50	148.00	74.00
37889 - Sidoti, John electrical site design; building plan layout	03/01/2021	2.00	148.00	296.00
37889 - Sidoti, John treatment building plan layout; instrument riser diagram	03/02/2021	1.00	148.00	148.00
37889 - Sidoti, John electrical/I&C QA/QC	03/03/2021	1.50	148.00	222.00
37889 - Sidoti, John electrical QA/QC	03/04/2021	1.50	148.00	222.00
37889 - Sidoti, John electrical design QA/QC	03/05/2021	1.00	148.00	148.00
37889 - Sidoti, John draft 90% elect design	03/08/2021	0.50	148.00	74.00
37889 - Sidoti, John design coord: flow meter	03/10/2021	0.50	148.00	74.00
35562 - Fuller, Andrew procurement support, access agreement support	02/23/2021	0.50	136.00	68.00
35562 - Fuller, Andrew procurement support, access agreement support	02/24/2021	1.00	136.00	136.00
35562 - Fuller, Andrew procurement support, access agreement support	02/26/2021	0.50	136.00	68.00
35562 - Fuller, Andrew procurement support, access agreement support	03/03/2021	1.50	136.00	204.00
35562 - Fuller, Andrew procurement support, access agreement support	03/05/2021	3.00	136.00	408.00
35562 - Fuller, Andrew sewer utility followup, site meeting prep, EIC design	03/08/2021	1.00	136.00	136.00
35562 - Fuller, Andrew sewer utility followup, site meeting prep, EIC design	03/09/2021	1.00	136.00	136.00
35562 - Fuller, Andrew sewer utility followup, site meeting prep, EIC design	03/10/2021	1.00	136.00	136.00
35562 - Fuller, Andrew sewer utility followup, site meeting prep, EIC design	03/11/2021	2.00	136.00	272.00
35562 - Fuller, Andrew sewer utility followup, site meeting prep, EIC design	03/12/2021	2.00	136.00	272.00
35562 - Fuller, Andrew sewer utility followup, site meeting prep, TWA	03/15/2021	1.00	136.00	136.00

35562 - Fuller, Andrew sewer utility followup, site meeting prep, TWA	03/16/2021	2.00	136.00	272.00
35562 - Fuller, Andrew meeting w/ Onorati	03/17/2021	7.00	136.00	952.00
38481 - Sanchez, Adriana OM&M	02/25/2021	1.00	113.00	113.00
38481 - Sanchez, Adriana project call	03/04/2021	1.00	113.00	113.00
38481 - Sanchez, Adriana flow meter follow up	03/10/2021	1.00	113.00	113.00
38481 - Sanchez, Adriana dwg call	03/18/2021	1.00	113.00	113.00
38481 - Sanchez, Adriana dwgs review	03/19/2021	1.00	113.00	113.00
23967 - Gerdeman, David plans review	03/04/2021	1.00	148.00	148.00
35671 - Maza, David communications related to well design and installation	02/22/2021	0.30	122.00	36.60
35671 - Maza, David design team call, well install communications	02/24/2021	0.60	122.00	73.20
35671 - Maza, David resource coordination	02/25/2021	0.30	122.00	36.60
35671 - Maza, David call with Nick re: construction oversight	03/03/2021	0.50	122.00	61.00
35368 - Catchpole, Daniel Elec Design	03/01/2021	7.00	93.00	651.00
35368 - Catchpole, Daniel Elec Design	03/02/2021	1.00	93.00	93.00
35368 - Catchpole, Daniel Elec Design	03/04/2021	3.50	93.00	325.50
64326 - Pyle, Matthew JCP&L Electrical updates	03/01/2021	2.50	63.00	157.50

84.50

9,157.20
Total Labor

9,157.20 USD
Total This Task

9,157.20 USD

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00016 - Permitting an Compliance	21 - MD001134.0001/00016

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
60027 - De Sonier, James Meeting to discuss TWA requirements	03/04/2021	0.50	74.00	37.00
60027 - De Sonier, James Meetings with Staff, Communication with NJDEP, TWA Permit Edits	03/08/2021	3.00	74.00	222.00

60027 - De Sonier, James	03/09/2021	2.10	74.00	155.40
Meetings with Staff, Communication with NJDEP, TWA Permit Edits				
60027 - De Sonier, James	03/10/2021	3.10	74.00	229.40
Meetings with Staff, Communication with NJDEP, TWA Permit Edits				
60027 - De Sonier, James	03/11/2021	1.10	74.00	81.40
Meetings with Staff, Communication with NJDEP, TWA Permit Edits				
60027 - De Sonier, James	03/16/2021	2.00	74.00	148.00
Communication with NJDEP regarding TWA. Management of TWA attachments.				
23873 - Antczak, Bridget	03/03/2021	4.00	131.00	524.00
prepare air permit application for gw containment equipment (OWS and two ASTs)				
23873 - Antczak, Bridget	03/04/2021	4.00	131.00	524.00
prepare air permit application for gw containment equipment (OWS and two ASTs)				
35562 - Fuller, Andrew	03/18/2021	3.00	136.00	408.00
sewer utility followup, site meeting prep, TWA				
35562 - Fuller, Andrew	03/19/2021	2.00	136.00	272.00
sewer utility followup, site meeting prep, TWA				
38481 - Sanchez, Adriana	03/08/2021	1.00	113.00	113.00
TWA meter				
24518 - Cucchini, Jeremy	02/26/2021	1.00	131.00	131.00
air permitting support, facility ID				
24518 - Cucchini, Jeremy	03/02/2021	1.00	131.00	131.00
air and TWA permitting support				
24518 - Cucchini, Jeremy	03/05/2021	1.00	131.00	131.00
air and TWA permitting support				
24518 - Cucchini, Jeremy	03/09/2021	1.00	131.00	131.00
air and TWA permitting support				
24518 - Cucchini, Jeremy	03/12/2021	1.00	131.00	131.00
air and TWA permitting support				
24518 - Cucchini, Jeremy	03/19/2021	1.00	131.00	131.00
air and TWA permitting support				
		31.80		3,500.20
Total Labor				3,500.20 USD
Total This Task				3,500.20 USD
Total This Project				18,293.61 USD
Total This Invoice				18,293.61 USD
			Total This Invoice	18,293.61 USD

**Table 1
Action Plan as of 15 April 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental Investigation scope approved by JCP&L on 8/3/2016 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2018	Submitted

**Table 1
Action Plan as of 15 April 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set at 90% complete as of March 2021, with final design expected by early May for bid package.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with permit application ongoing, and will be finalized/submitted once system design is finalized. SESP also initiated in April 2020, and will be submitted once system design is finalized. NJPDES and Air permit to be submitted in May 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cuccuini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

ARCADIS

JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2020				2021				2022				2023				2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Boonton, NJ Former MGP Site Remediation	Fri 1/10/03	Fri 1/31/25																				
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18																				
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18																				
29	Groundwater RAWP Implementation	Thu 1/9/20	Wed 2/8/23																				
30	Pre-Design Investigation	Thu 1/9/20	Wed 9/30/20																				
31	Design Process	Thu 10/1/20	Wed 3/17/21																				
32	Procurement	Thu 3/18/21	Wed 6/16/21																				
40	Implementation	Thu 6/17/21	Wed 9/22/21																				
44	Post Remedial Action Activities	Thu 9/23/21	Wed 2/8/23																				
54	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
55	Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
60	Supplemental Soil RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
61	RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
71	Supplemental Soil RAWP Implementation	Mon 9/13/21	Fri 1/20/23																				
72	Procurement	Mon 4/11/22	Fri 7/22/22																				
77	Implementation	Mon 9/13/21	Fri 11/4/22																				
83	Post Remedial Action Activities	Mon 4/4/22	Fri 1/20/23																				
92	Groundwater OM&M	Mon 10/4/21	Fri 1/31/25																				

Project: Boonton Date: Thu 4/8/21	Task		External MileTask		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Progress	
	External Tasks		Duration-only		Split	

Table 2
Budget Status for Site Remediation through 21 March 2021
Boonton Former MGP Site
Boonton, New Jersey

Purchase Order No. 55115885

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET ¹	CURRENT TASK BUDGET	CURRENT INVOICE AMOUNT	OUT OF SCOPE WORK THIS PERIOD ⁴	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
Phase 1, Site Remediation									
1	Annual Progress Reporting, Including CEA Proposal	11,470	11,470	0	0	12,079	12,079	(609)	105%
2	Updates to Groundwater Modeling	28,312	28,312	0	0	28,291	28,291	21	100%
3	Preparation of RAWP Addendum	23,329	78,793	0	0	78,728	78,728	67	100%
4	Project Management	7,572	147,898	0	0	149,164	149,164	(1,468)	101%
5	LSRP Services	13,500	47,550	816	0	44,303	45,119	2,431	95%
6	Soil Delineation Evaluation	5,084	5,084	0	0	9,498	9,498	(4,414)	187%
7	Access Negotiations and Soil Sampling	47,541	96,034	0	0	94,919	94,919	1,115	99%
8	Supplemental Remedial Investigation Report	16,657	61,792	0	0	64,435	64,435	(2,643)	104%
9	Access Coordination	5,980	6,980	0	0	7,928	7,928	(988)	114%
10	Groundwater Sampling	42,520	46,370	0	0	46,198	46,198	172	100%
11	Surface Water and Sediment Sampling	23,710	41,040	0	0	23,344	23,344	18,596	56%
12	Data Evaluation and Reporting	10,980	10,980	0	0	11,481	11,481	(481)	104%
13	PD Permit Evaluation, Reconnaissance, Data Evaluation	31,240	31,240	0	0	30,572	30,572	(5,332)	117%
14	Pre-Design Investigation	297,640	482,160	5,638	0	495,608	501,244	(9,064)	102%
15	Groundwater Containment System Design	68,780	119,370	19,157	0	122,065	132,122	(12,752)	111%
16	Permitting and Compliance	37,342	76,574	3,500	0	38,362	38,892	36,682	52%
TOTALS (\$)		672,614	1,303,345	19,109	0	1,262,683	1,281,892	21,353	98%

Notes:

1. Work authorized by Purchase Order Number 55115885 dated 10/19/12 in accordance with the Arcadis Proposal dated 9/21/12.
2. Task 6 authorized by written notice to proceed by JCP&L, dated 9/28/13.
3. Task 7 and 8 authorized by change order #3, dated 9/25/13, to purchase order 55115885 in accordance with the Arcadis proposal dated 9/12/13.
4. Updates to compensation in the amount of \$59,084 added to project budget per the Arcadis proposal dated 2/2/15, and approved by JCP&L on 2/3/15.
5. Updates to compensation in the amount of \$35,035 added to project budget per the Arcadis proposal dated 9/17/15, and approved by JCP&L Change Order #7 on 9/25/15.
6. Updates to compensation in the amount of \$83,494 added to project budget per the Arcadis proposal dated 2/4/16, and approved by JCP&L Change Order #8 on 2/18/16.
7. Updates to compensation in the amount of \$98,830 added to project budget per the Arcadis proposal dated 7/20/2016 and approved by JCP&L Change Order #9 on 8/3/2016.
8. Updates to compensation in the amount of \$95,000 added to project budget per the Arcadis proposal dated 9/8/2017 and approved by JCP&L Change Order #10 on 9/20/2017.
9. Updates to compensation in the amount of \$91,240 added to project budget per the Arcadis proposal dated 4/13/2018 and approved by JCP&L Change Order #11 on 4/24/18.
10. Updates to compensation in the amount of \$90,030 added to project budget per the Arcadis proposal dated 8/6/2018 and approved by JCP&L Change Order #12 on 8/8/18.
11. Updates to compensation in the amount of \$297,640 added to project budget per the Arcadis proposal dated 2/12/2019 and approved by JCP&L Change Order #13 on 3/20/19.
12. Updates to compensation in the amount of \$239,190 added to project budget per the Arcadis proposal dated 10/15/2019 and approved by JCP&L Change Order #14 on 10/31/2019.
13. Updates to compensation in the amount of \$58,446 added to project budget per the Arcadis proposal dated 3/17/20 and approved by JCP&L Change Order #15 on 3/23/20.
14. Updates to compensation in the amount of \$18,380 added to project budget per the Arcadis proposal dated 4/8/20 and approved by JCP&L Change Order #16 on 4/13/20.
15. Updates to compensation in the amount of \$91,350 added to project budget per the Arcadis proposal dated 9/11/20 and approved by JCP&L Change Order #17 on 10/1/20.
16. Updates to compensation in the amount of \$35,232 added to project budget per the Arcadis proposal dated 12/09/20 and approved by JCP&L Change Order #18 on 12/9/20.

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Subject:

Monthly Progress Report (MPR) – March 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 22 February 2021 and ending 21 March 2021. This report is compliant with the requirements of Purchase Order Number 55115885 and 55130412 between JCP&L and Arcadis, and pursuant to the specified Scope of Work.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Ongoing assistance regarding the local sewer authority (Parsippany-Troy Hills) discharge treatment requirements and assistance with discharge agreements, ordinance reviews and client follow-up.
- Ongoing assistance with access agreements with the property owner associated with groundwater treatment system areas, access and treatment system component construction.
- Continuation of design related tasks associated with the proposed groundwater containment system.
- Evaluate site-specific impact to groundwater soil standards based on pre-design SPLP soil results data. Process rental equipment charges per soil sampling field activities.

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

ENVIRONMENT

Date:

26 April 2021

Contact:

Jeremy Cuccuini

Phone:

609.366.9033

Email:

Jeremy.cuccuini@arcadis-us.com

Our ref:

MD001134.0001

- Additional support with NJPDES discharge permitting (TWA) and associated air permitting preparation.

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.
- Procurement assistance associated with pending groundwater treatment system bid package submittal.
- Conduct storm video survey and mark out areas of proposed groundwater treatment system for onsite meetings with property owner.

The most recent MPR for January 2021 was submitted on 19 March 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 May 2021.

Section 3: Action Plan

Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 April 2021 through 15 June 2021).

The overall project budget for the current phases of work under PO 55115885 including Phase 14 (Pre-Design Investigation), Phase 15 Groundwater Containment System Design and Phase 16 Permitting and Compliance is shown on Table 2. The overall project budget for the current phases of work under PO 55130412 including Task 1 Project Management and Task 2 Procurement Assistance, is shown on Table 3. Table 2 and Table 3 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.

Jeremy Cuccuini
Certified Project Manager

Copies:

D. Scillieri, Arcadis

D. Maza, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
300 Madison Ave
Morristown, NJ 07960-6169
United States

Arcadis U.S., Inc.
Bank of America
Acct: 8188093937
ACH: 071 000 039 Wire: 026009 593
SWIFT: BOFAUS3N
Remit-mailbox@arcadis-us.com
62638 Collections Center Drive
Chicago, IL 60693-0626

received 4/26/21

Invoice Date	26-Apr-2021	Invoice Number	34228834
Due Date	10-Jun-2021	Payment Term	45 days
PO# 55115885			
Arcadis Reference Number	MD001134.0001	Project Number	30015927
Arcadis Reference Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY	Project Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY
Services Through	21-Mar-2021	Project Manager	Jeremy Cucchini
		Client Contact	Jennifer Rusu

Professional Services to 21-Mar-2021

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00005 - LSRP Services	6 - MD001134.0001/00005

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Thompson, David	6.00	Hours	136.00 ✓	816.00
	<u>6.00</u>			<u>816.00</u>
Total This Task				<u>816.00 USD</u>
Total This Project				<u>816.00 USD</u>
Total This Invoice				<u>816.00 USD</u>

SFS # 1121971974 Fax # 38040017
APPROVAL STAMP

P.O. N. 55115885/2 INV NO. 34228834

COMPANY CODE: SC00 COST CENTER

COST ELEMENT: 550300

ORD. 3001017

Total This Invoice

816.00 USD

APPROVED BY:

Bank Name BANK OF AMERICA N.A. *JRusu C10093* Bank/Branch Code BOFA-026009593
Account No. 8188093937 SWIFT BOFAUS3N *5/12/21*

Remittance Address: Remit-Mailbox@arcadis-us.com

Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.

Transaction Details - Invoice Number 34228834

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00005 - LSRP Services	6 - MD001134.0001/00005

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35155 - Thompson, David Weekly status call	02/24/2021	1.00	136.00	136.00
35155 - Thompson, David Weekly status call and follow-up	03/03/2021	1.00	136.00	136.00
35155 - Thompson, David Weekly status call and follow-up	03/10/2021	1.00	136.00	136.00
35155 - Thompson, David Public inquiry - Regulatory Status	03/15/2021	1.00	136.00	136.00
35155 - Thompson, David Public inquiry - Regulatory Status	03/16/2021	1.00	136.00	136.00
35155 - Thompson, David Weekly status call	03/17/2021	1.00	136.00	136.00
		6.00		816.00
Total Labor				816.00 USD
Total This Task				816.00 USD
Total This Project				816.00 USD
Total This Invoice				816.00 USD
			Total This Invoice	816.00 USD

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

Subject:
Monthly Progress Report (MPR) LSRP Services –March 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

ENVIRONMENT

Dear Ms. Rusu:

Date:
26 April 2021

The following summarizes Licensed Site Remediation Professional (LSRP) related project activities performed by Arcadis for the above referenced site during the billing period beginning 22 February 2021 and ending 21 March 2021.

Contact:
Jeremy Cuccuini

Section 1: Work Performed

Phone:
609.366.9033

The following work was performed during the period under Purchase Order Number 55115885:

Email:
Jeremy.cuccuini@arcadis-us.com

- LSRP time for project team calls and general team/project communication.
Respond to public inquiry regarding site activities.

Our ref:
MD001134.0001

If you have any questions about this report, please do not hesitate to contact the undersigned.

Sincerely,

Arcadis U.S., Inc.

Jeremy Cuccuini
Project Manager

Copies:
D. Scillieri, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 5/25/21

Invoice Date	24-May-2021	Invoice Number	34234235
Due Date	08-Jul-2021	Payment Term	45 days
PO# 55130412			
Arcadis Reference Number	30083906	Project Number	30083906
Arcadis Reference Name	30083906 - JCPL Boonton	Project Name	30083906 - JCPL Boonton
Services Through	25-Apr-2021	Project Manager	Jeremy Cuccuni
		Client Contact	Jennifer Rusu

Professional Services to 25-Apr-2021

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Jones Jackson, Legenetta	6.00	Hours	54.00 ✓	324.00
Collins, Lisa	2.30	Hours	54.00 ✓	124.20
Cuccuni, Jeremy	13.50	Hours	131.00 ✓	1,768.50
Scillieri, Darren	4.00	Hours	148.00 ✓	592.00
	25.80			2,808.70

Total This Task **2,808.70 USD**

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00002 - Procurement Assistance	2 - Task 00002

Labor

approval stamps next page

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N
Remittance Address: Remit-Mailbox@arcadis-us.com			
Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.			

Employee Name	Quantity	UOM	Rate	This Invoice
De Sonier, James	48.50	Hours	74.00 ✓	3,441.00
Fuller, Andrew	1.00	Hours	136.00 ✓	136.00
Mastrocola, Krista	14.50	Hours	122.00 ✓	1,769.00
Maza, David	1.70	Hours	122.00 ✓	207.40
Cuccuini, Jeremy	8.00	Hours	131.00 ✓	1,048.00
	71.70			6,601.40

Total This Task **6,601.40 USD**

Project 30083906 - 30083906 - JCPL Boonton
Task 00003 - Recovery & Performance Monitoring Well Installation
Contract Line 4 - Task 00003

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
ONeill, Paul	5.00	Hours	74.00 ✓	370.00
Steinberger, George	2.00	Hours	113.00 ✓	226.00
Kane, Raleigh	67.50	Hours	93.00 ✓	6,277.50
Tetreault, Katherine	1.00	Hours	74.00 ✓	74.00
Mastrocola, Krista	1.00	Hours	122.00 ✓	122.00
Maza, David	27.10	Hours	122.00 ✓	3,306.20
Cuccuini, Jeremy	23.50	Hours	131.00 ✓	3,078.50
	127.10			13,454.20

Subcontracting 3,295.60
 Reimbursable Expenses 287.39
 Other Reimbursable Charges 561.52
Total This Task **17,598.71 USD**

Total This Project **27,008.81 USD**

Total This Invoice **27,008.81 USD**

SFS# 1122126414 Fax# 38045230
APPROVAL STAMP
 P.O. NO. 55130412/1 INV. NO. 34234235
 COMPANY CODE: SC00 COST CENTER _____
 COST ELEMENT (GL ACCT): 550300
 ORDER: 3001017 WBS: _____
 APPROVED BY: _____ EMP NO: _____
 Total This Invoice **27,008.81 USD**

Transaction Details - Invoice Number 34234235

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
62553 - Jones Jackson, Legenetta	03/23/2021	2.00	54.00	108.00
Invoice preparations, backup and submittal				
62553 - Jones Jackson, Legenetta	03/24/2021	2.00	54.00	108.00
Invoice preparations, backup and submittal				
62553 - Jones Jackson, Legenetta	04/14/2021	1.00	54.00	54.00
project support				
62553 - Jones Jackson, Legenetta	04/14/2021	1.00	54.00	54.00
project support				
23893 - Collins, Lisa	04/01/2021	1.50	54.00	81.00
cost reports, edit project and rate schedule				
23893 - Collins, Lisa	04/06/2021	0.80	54.00	43.20
transfers				
24518 - Cucchini, Jeremy	03/22/2021	1.50	131.00	196.50
February MPR, budget updates and invoicing				
24518 - Cucchini, Jeremy	03/23/2021	1.00	131.00	131.00
March accruals				
24518 - Cucchini, Jeremy	03/24/2021	1.00	131.00	131.00
Weekly team call, project coordination/PM				
24518 - Cucchini, Jeremy	03/31/2021	1.50	131.00	196.50
Weekly team call, project coordination/PM				
24518 - Cucchini, Jeremy	04/01/2021	0.50	131.00	65.50
client communication and team follow-up				
24518 - Cucchini, Jeremy	04/07/2021	1.50	131.00	196.50
weekly team meeting, march invoicing, PM				
24518 - Cucchini, Jeremy	04/08/2021	1.00	131.00	131.00
2020-2024 RAC schedule				
24518 - Cucchini, Jeremy	04/14/2021	2.50	131.00	327.50
RAC filing schedules, weekly team meeting, PM/coordination				
24518 - Cucchini, Jeremy	04/21/2021	1.50	131.00	196.50
weekly team meeting, april accruals, PM				
24518 - Cucchini, Jeremy	04/23/2021	1.50	131.00	196.50
march invoicing and monthly progress report				
24363 - Scillieri, Darren	04/02/2021	0.50	148.00	74.00
MISSING COMMENT				
24363 - Scillieri, Darren	04/09/2021	0.50	148.00	74.00
MISSING COMMENT				
24363 - Scillieri, Darren	04/13/2021	1.50	148.00	222.00
project team kick off meeting				
24363 - Scillieri, Darren	04/16/2021	0.50	148.00	74.00
project coordination				
24363 - Scillieri, Darren	04/20/2021	0.50	148.00	74.00
project team kick off meeting				

24363 - Scillieri, Darren
project coordination 04/23/2021

0.50 148.00

74.00

 25.80

 2,808.70

Total Labor
2,808.70 USD
Total This Task

2,808.70 USD

Project **Task** **Contract Line**
 30083906 - 30083906 - JCPL Boonton 00002 - Procurement Assistance 2 - Task 00002

Labor

<u>Employee No. and Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>This Invoice</u>
60027 - De Sonier, James Bld Package Text and Bid Form. Meetings with Team	03/22/2021	5.00	74.00	370.00
60027 - De Sonier, James Bld Package Text and Bid Form. Meetings with Team	03/23/2021	2.50	74.00	185.00
60027 - De Sonier, James Bld Package Text and Bid Form. Meetings with Team	03/24/2021	1.00	74.00	74.00
60027 - De Sonier, James Bld Package Text and Bid Form. Meetings with Team	03/25/2021	5.00	74.00	370.00
60027 - De Sonier, James Bld Package Text and Bid Form. Meetings with Team	03/26/2021	7.00	74.00	518.00
60027 - De Sonier, James RFP text, List of Submittals, and Bid List Work. Meetings	03/29/2021	5.00	74.00	370.00
60027 - De Sonier, James RFP text, List of Submittals, and Bid List Work. Meetings	03/30/2021	4.00	74.00	296.00
60027 - De Sonier, James RFP text, List of Submittals, and Bid List Work. Meetings	03/31/2021	3.00	74.00	222.00
60027 - De Sonier, James RFP text, List of Submittals, and Bid List Work. Meetings	04/01/2021	2.00	74.00	148.00
60027 - De Sonier, James RFP Text and Attachments	04/06/2021	1.00	74.00	74.00
60027 - De Sonier, James RFP Text and Attachments	04/07/2021	1.50	74.00	111.00
60027 - De Sonier, James RFP Text and Attachments	04/08/2021	1.50	74.00	111.00
60027 - De Sonier, James RFP Text and Attachments	04/09/2021	1.50	74.00	111.00
60027 - De Sonier, James RFP Text	04/12/2021	2.00	74.00	148.00
60027 - De Sonier, James RFP Text	04/13/2021	1.00	74.00	74.00
60027 - De Sonier, James RFP Text	04/14/2021	1.00	74.00	74.00
60027 - De Sonier, James RFP Attachments	04/15/2021	1.00	74.00	74.00
60027 - De Sonier, James RFP Attachments	04/16/2021	1.00	74.00	74.00
60027 - De Sonier, James QAQC RFP text and tables	04/21/2021	0.50	74.00	37.00

35562 - Fuller, Andrew TWA, procurement, planning, design review	03/24/2021	1.00	136.00	136.00
25081 - Mastrocola, Krista Preparation of Procurement Package	03/22/2021	1.50	122.00	183.00
25081 - Mastrocola, Krista Preparation of Procurement Package	03/29/2021	1.00	122.00	122.00
25081 - Mastrocola, Krista Preparation of Procurement Package	03/30/2021	0.50	122.00	61.00
25081 - Mastrocola, Krista Preparation of Procurement Package	04/01/2021	0.50	122.00	61.00
25081 - Mastrocola, Krista Preparation of Procurement Package	04/05/2021	1.00	122.00	122.00
25081 - Mastrocola, Krista Preparation of Procurement Package	04/06/2021	0.50	122.00	61.00
25081 - Mastrocola, Krista Preparation of Procurement Package	04/07/2021	2.00	122.00	244.00
25081 - Mastrocola, Krista Preparation of Procurement Package	04/08/2021	1.00	122.00	122.00
25081 - Mastrocola, Krista Preparation of Procurement Package - RFP / M&P	04/12/2021	1.50	122.00	183.00
25081 - Mastrocola, Krista Preparation of Procurement Package - RFP / M&P	04/13/2021	4.00	122.00	488.00
25081 - Mastrocola, Krista Preparation of Procurement Package - RFP / M&P	04/14/2021	1.00	122.00	122.00
35671 - Maza, David procurement call	04/07/2021	0.70	122.00	85.40
35671 - Maza, David procurement call	04/12/2021	0.50	122.00	61.00
35671 - Maza, David procurement call	04/19/2021	0.50	122.00	61.00
24518 - Cuccuini, Jeremy bid package support	04/05/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid package support	04/06/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid package support, contractor pre-quals	04/09/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid package support	04/12/2021	1.50	131.00	196.50
24518 - Cuccuini, Jeremy bid package support	04/13/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy bid package support	04/15/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid package support	04/19/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid package support	04/23/2021	1.00	131.00	131.00

71.70

6,601.40

Total Labor

6,601.40 USD

Total This Task

6,601.40 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00003 - Recovery & Performance Monitoring Well Installation	4 - Task 00003

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
38352 - O'Neill, Paul Delivery and preparation of grain size samples	03/26/2021	3.00	74.00	222.00
38352 - O'Neill, Paul Extraction well installation kickoff call and subcontractor coordination	04/13/2021	2.00	74.00	148.00
37555 - Steinberger, George CAD - IGWSSL updates for Paul O'Neill	04/06/2021	2.00	113.00	226.00
39026 - Kane, Raleigh Kick off call and scope review	04/13/2021	2.00	93.00	186.00
39026 - Kane, Raleigh Obtained rental vehicle, prepared paperwork, loaded field equipment	04/14/2021	7.00	93.00	651.00
39026 - Kane, Raleigh Final equipment gathering prior to utility locate	04/15/2021	1.00	93.00	93.00
39026 - Kane, Raleigh Utility locate and soft dig oversight	04/16/2021	9.00	93.00	837.00
39026 - Kane, Raleigh Rig and IDW Mobilization	04/19/2021	2.50	93.00	232.50
39026 - Kane, Raleigh Rig and IDW Mobilization	04/19/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Drilling Recovery Well RW-3	04/20/2021	1.70	93.00	158.10
39026 - Kane, Raleigh Drilling Recovery Well RW-3	04/20/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Drilling Recovery Well RW-3	04/21/2021	1.70	93.00	158.10
39026 - Kane, Raleigh Drilling Recovery Well RW-3	04/21/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Installation of Recovery Well RW-3	04/22/2021	1.20	93.00	111.60
39026 - Kane, Raleigh Installation of Recovery Well RW-3	04/22/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Drilling Recovery Well RW-8	04/23/2021	1.40	93.00	130.20
39026 - Kane, Raleigh Drilling Recovery Well RW-8	04/23/2021	8.00	93.00	744.00
37522 - Tetreault, Katherine Proposed RW figures	03/31/2021	0.50	74.00	37.00
37522 - Tetreault, Katherine Proposed RW figures	04/01/2021	0.50	74.00	37.00
25081 - Mastrocola, Krista Preparation of Procurement Package	03/25/2021	1.00	122.00	122.00
35671 - Maza, David procurement call, follow up with Jen W. re: RW-6 relocation	03/22/2021	1.20	122.00	146.40
35671 - Maza, David communications related to well install, review updated pricing from SGS, call with SGS, review RW-6 modelling info from Jen	03/23/2021	1.20	122.00	146.40

35671 - Maza, David	03/24/2021	1.00	122.00	122.00
well permitting info for driller, subcontracting				
35671 - Maza, David	03/25/2021	5.00	122.00	610.00
review grain size inventory and VP boring logs, well install coordination, team call, call with driller, call with lab, coordinate grain size analysis, well permitting info for driller, subcontracting				
35671 - Maza, David	03/26/2021	2.00	122.00	244.00
communications with driller, revise schedule for well installs, subcontracting, resource coordination, coordinate grain size analyses				
35671 - Maza, David	03/30/2021	1.50	122.00	183.00
driller subcontracting, coordinate figure update, proposal				
35671 - Maza, David	03/31/2021	0.40	122.00	48.80
call with PM				
35671 - Maza, David	04/01/2021	0.60	122.00	73.20
figure edits, coordinate well installs				
35671 - Maza, David	04/02/2021	0.80	122.00	97.60
lab coordination re: grain size analyses, review grain size data, related communications				
35671 - Maza, David	04/05/2021	0.80	122.00	97.60
well install coordination, call with PM, coordinate with drillers on updated pricing				
35671 - Maza, David	04/06/2021	0.30	122.00	36.60
well install coordination				
35671 - Maza, David	04/07/2021	0.70	122.00	85.40
well install coordination, review updated quote from SGS				
35671 - Maza, David	04/08/2021	0.50	122.00	61.00
call with Parsippany water utility re: markout				
35671 - Maza, David	04/09/2021	0.20	122.00	24.40
coordinate well install				
35671 - Maza, David	04/12/2021	2.00	122.00	244.00
well install coordination, call with Raleigh				
35671 - Maza, David	04/13/2021	1.50	122.00	183.00
coordinate well installs, kickoff call				
35671 - Maza, David	04/14/2021	1.20	122.00	146.40
coordinate well installs, call with Raleigh				
35671 - Maza, David	04/15/2021	0.50	122.00	61.00
coordinate well installs				
35671 - Maza, David	04/16/2021	1.00	122.00	122.00
office support for well installs, call with PM				
35671 - Maza, David	04/19/2021	0.50	122.00	61.00
calls with Raleigh re: well locations				
35671 - Maza, David	04/20/2021	0.70	122.00	85.40
office support for well install, calls with Raleigh, coordination with driller				
35671 - Maza, David	04/21/2021	1.50	122.00	183.00
office support for well install, calls with Raleigh, call with driller, call with PM				
35671 - Maza, David	04/22/2021	2.00	122.00	244.00
office support for well install, calls with Raleigh, coordination with driller, call with PM, IGW evaluation				
24518 - Cuccuini, Jeremy	03/22/2021	1.00	131.00	131.00
site inspection follow-up, coordination and driller confirmations				
24518 - Cuccuini, Jeremy	03/23/2021	1.00	131.00	131.00
site planning and coordination, better define drilling approach and timelines				
24518 - Cuccuini, Jeremy	03/24/2021	1.00	131.00	131.00
site planning and coordination, better define drilling approach and timelines				
24518 - Cuccuini, Jeremy	03/25/2021	1.00	131.00	131.00
site planning and coordination, better define drilling approach and timelines				
24518 - Cuccuini, Jeremy	03/26/2021	1.50	131.00	196.50
site planning and coordination, better define drilling approach and timelines				
24518 - Cuccuini, Jeremy	03/30/2021	1.50	131.00	196.50

drilling schedule and team communications

24518 - Cucuini, Jeremy	04/01/2021	1.00	131.00	131.00
site planning and coordination, better define drilling approach and timelines				
24518 - Cucuini, Jeremy	04/02/2021	0.50	131.00	65.50
drilling schedule final reviews				
24518 - Cucuini, Jeremy	04/05/2021	1.50	131.00	196.50
drilling coordination, pricing and support				
24518 - Cucuini, Jeremy	04/06/2021	1.00	131.00	131.00
drilling coordination, pricing and support				
24518 - Cucuini, Jeremy	04/09/2021	0.50	131.00	65.50
drilling coordination, pricing and support				
24518 - Cucuini, Jeremy	04/13/2021	1.00	131.00	131.00
drilling coordination/planning and client updates				
24518 - Cucuini, Jeremy	04/15/2021	1.00	131.00	131.00
site visit prep/client discussions and team coordination				
24518 - Cucuini, Jeremy	04/16/2021	6.00	131.00	786.00
site visit, drilling walk with offsite tenant at Quonnie				
24518 - Cucuini, Jeremy	04/19/2021	2.00	131.00	262.00
drilling support, site updates, client contacts and onorati contacts				
24518 - Cucuini, Jeremy	04/20/2021	1.00	131.00	131.00
site updates, support and coordination				
24518 - Cucuini, Jeremy	04/21/2021	1.00	131.00	131.00
site updates, support and coordination				

127.10

13,454.20
Total Labor

13,454.20 USD
Subcontracting

	Invoice Number	Invoice Date	Supplier Name	Cost	Times	This Invoice
Subcontractor 1						
	386063	04/16/2021	Ground Penetrating Radar Systems, LLC	1,800.00 ✓	1.0700	1,926.00
Subcontractor 10						
	1032610	04/06/2021	Hampton-Clarke Inc	1,280.00 ✓	1.0700	1,369.60
Total Subcontracting						3,295.60 USD

Reimbursable Expenses

	Expense Report Number	Report Date	Employee/Description	This Invoice
Car Mileage				
	US3823267450	04/16/2021	Cucuini, Jeremy/130 total miles East Windsor/Boonton	72.80 ✓
Food & Drinks				
	US3785936305	04/16/2021	Kane, Raleigh/Lunch	13.23 ✓
	US3785936305	04/19/2021	Kane, Raleigh/Lunch	13.80 ✓
	US3785936305	04/21/2021	Kane, Raleigh/Lunch	13.28 ✓
	US3785936305	04/22/2021	Kane, Raleigh/Lunch	12.77 ✓
	US3785936305	04/23/2021	Kane, Raleigh/Lunch	13.06 ✓
	US3823267450	04/16/2021	Cucuini, Jeremy/meals per site meetings, markouts and driller preparation	9.20 ✓
Fuel				
	US3785936305	04/20/2021	Kane, Raleigh/Gas	55.32 ✓
	US3785936305	04/22/2021	Kane, Raleigh/Gas	62.25 ✓

Public Transportation

US3785936305	04/14/2021	Kane, Raleigh/Uber to retrieve rental vehicle	21.68 ✓
Total Reimbursable Expenses			287.39 USD

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Tools & Equipment				
I808867	04/15/2021	04/19/2021	A Royal Flush	237.35 ✓
I809046	04/19/2021	04/19/2021	A Royal Flush	192.14 ✓
US1-210019490	03/22/2021	03/22/2021	Pine Environmental Services LLC	132.03 ✓
Total Other Reimbursable Charges				561.52 USD
Total This Task				17,598.71 USD

Total This Project 27,008.81 USD

Total This Invoice 27,008.81 USD

Total This Invoice 27,008.81 USD

**Table 1
Action Plan as of 15 May 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2016	Submitted

Table 1
Action Plan as of 15 May 2021
Boonton, New Jersey, Former MGP Site

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set at 90% complete as of May 2021, with final design expected by early June for bid package.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with permit application ongoing, and will be finalized/submitted once system design is finalized. SESCO also initiated in April 2020, and will be submitted once system design is finalized. NJPDES and Air permit to be submitted in May/June 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cuccuini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

ARCADIS

JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2020				2021				2022				2023				2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Boonton, NJ Former MGP Site Remediation	Fri 1/10/03	Fri 1/31/25																				
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18																				
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18																				
29	Groundwater RAWP Implementation	Thu 1/9/20	Wed 2/8/23																				
30	Pre-Design Investigation	Thu 1/9/20	Wed 9/30/20																				
31	Design Process	Thu 10/1/20	Wed 3/17/21																				
32	Procurement	Thu 3/18/21	Wed 6/16/21																				
40	Implementation	Thu 6/17/21	Wed 9/22/21																				
44	Post Remedial Action Activities	Thu 9/23/21	Wed 2/8/23																				
54	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
55	Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
60	Supplemental Soil RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
61	RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
71	Supplemental Soil RAWP Implementation	Mon 9/13/21	Fri 1/20/23																				
72	Procurement	Mon 4/11/22	Fri 7/22/22																				
77	Implementation	Mon 9/13/21	Fri 11/4/22																				
83	Post Remedial Action Activities	Mon 4/4/22	Fri 1/20/23																				
92	Groundwater OM&M	Mon 10/4/21	Fri 1/31/25																				

Project: Boonton Date: Thu 4/8/21	Task		External MileTask		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Progress	
	External Tasks		Duration-only		Split	

Table 3
Budget Status for Site Remediation through 25 April 2021
 Eastern Former MGP Site
 Boonton, New Jersey
 Purchase Order No. 55130412

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET ¹	CURRENT TASK BUDGET	CURRENT INVOICE AMOUNT	OUT OF SCOPE WORK THIS PERIOD	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
<i>Phase 1, Site Remediation</i>									
4	Project Management	30,030	30,030	1,809	0	1,845	4,757	25,273	15%
5	Recovery and Performance Monitoring Well Installation	272,737	272,737	17,599	0	0	17,599	255,138	6%
17	Platascament Admittance	42,841	42,841	6,801	0	3,605	10,206	32,635	24%
TOTALS (\$):		345,608	345,608	27,009	0	5,355	32,562	313,050	9%

Notes:

1. Work authorized by Purchase Order Number 55130412 dated 7/16/21 in accordance with the Arcadis Proposal dated 2/16/2021.
2. Task 5 authorized for \$272,737 per Change Order B1 dated 4/30/2021 based on Arcadis's proposal dated 2/16/2021.

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Subject:

Monthly Progress Report (MPR) – April 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 22 March 2021 and ending 25 April 2021. This report is compliant with the requirements of Purchase Order Number 55115885 and 55130412 between JCP&L and Arcadis, and pursuant to the specified Scope of Work.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Continuation of design related tasks associated with the proposed groundwater containment system, including electrical one-line drawings and specifications.
- Additional support with NJPDES discharge permitting (TWA) and associated air permitting preparation.

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

ENVIRONMENT

Date:
24 May 2021

Contact:
Jeremy Cuccuini

Phone:
609.366.9033

Email:
Jeremy.cuccuini@arcadis-us.com

Our ref:
MD001134.0001

- Procurement assistance associated with pending groundwater treatment system bid package submittal, including specifications, instruction to bidders, letter of intent communications and the RFP package.
- Preparation for and installation of the site recovery wells and RW-2 pilot hole. This includes associated utility clearance work, and associated subcontractor invoicing for these services.

The most recent MPR for March 2021 was submitted on 23 April 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 June 2021.

Section 3: Action Plan

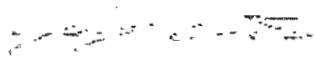
Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 May 2021 through 15 July 2021).

The overall project budget for the current phases of work under PO 55115885 including Phase 14 (Pre-Design Investigation), Phase 15 Groundwater Containment System Design and Phase 16 Permitting and Compliance is shown on Table 2. The overall project budget for the current phases of work under PO 55130412 including Task 1 Project Management, Task 2 Procurement Assistance and Task 3 Recovery and Performance Monitoring Well Recovery, is shown on Table 3. Table 2 and Table 3 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cuccuini
Certified Project Manager

Copies:

D. Scillieri, Arcadis

D. Maza, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 5/25/21

Invoice Date	24-May-2021	Invoice Number	34234245
Due Date	08-Jul-2021	Payment Term	45 days
PO# 55115885			
Arcadis Reference Number	MD001134.0001	Project Number	30015927
Arcadis Reference Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY	Project Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY
Services Through	25-Apr-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 25-Apr-2021

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00015 - GW Containment System Design	20 - MD001134.0001/00015

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Oberlander, Roseanne	13.80	Hours	68.00 ✓	938.40
Marsek, Matthew	71.50	Hours	85.00 ✓	6,077.50
De Sonier, James	28.00	Hours	74.00 ✓	2,072.00
Sidoti, John	11.50	Hours	148.00 ✓	1,702.00
Fuller, Andrew	35.00	Hours	136.00 ✓	4,760.00
Sanchez, Adriana	11.00	Hours	113.00 ✓	1,243.00

approval stamp on next page

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N
Remittance Address: Remit-Mailbox@arcadis-us.com			
Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.			

Wahlberg, Jennifer	3.00	Hours	113.00 ✓	339.00
Bucek, Michael	2.00	Hours	113.00 ✓	226.00
Catchpole, Daniel	3.00	Hours	93.00 ✓	279.00
Scillieri, Darren	2.50	Hours	148.00 ✓	370.00
	181.30			18,006.90
Total This Task				18,006.90 USD

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00016 - Permitting an Compliance	21 - MD001134.0001/00016

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
De Sonier, James	20.50	Hours	74.00 ✓	1,517.00
Antczak, Bridget	1.00	Hours	131.00 ✓	131.00
Fuller, Andrew	7.00	Hours	136.00 ✓	952.00
Sanchez, Adriana	1.00	Hours	113.00 ✓	113.00
Cuccuini, Jeremy	8.50	Hours	131.00 ✓	1,113.50
	38.00			3,826.50

Total This Task **3,826.50 USD**

Total This Project **21,833.40 USD**

Total This Invoice **21,833.40 USD**

SES # 1122126412 fax # 38045228 **Total This Invoice**
APPROVAL STAMP

P.O. NO. 55115885/1 INV. NO. 34234245

COMPANY CODE: SCOO COST CENTER _____

COST ELEMENT (GL ACCT): 550300

ORDER: 3001017 WBS: _____

APPROVED BY: _____ EMP NO: _____

J. Ruzsa C10093 6/11/21

21,833.40 USD

Transaction Details - Invoice Number 34234245

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00015 - GW Containment System Design	20 - MD001134.0001/00015

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
38225 - Oberlander, Roseanne CAD: Update drawings for A. Sanchez	04/08/2021	3.50	68.00	238.00
38225 - Oberlander, Roseanne CAD: Update drawings for A. Sanchez	04/09/2021	4.50	68.00	306.00
38225 - Oberlander, Roseanne CAD: Update figure for A. Sanchez	04/12/2021	1.00	68.00	68.00
38225 - Oberlander, Roseanne CAD: Coordinates for A. Fuller	04/13/2021	0.50	68.00	34.00
38225 - Oberlander, Roseanne CAD: Update figure for A. Sanchez	04/15/2021	1.30	68.00	88.40
38225 - Oberlander, Roseanne CAD: Coordinates for R. Kane	04/16/2021	0.50	68.00	34.00
38225 - Oberlander, Roseanne CAD: Update design drawings for A. Sanchez	04/23/2021	2.50	68.00	170.00
72210 - Marsek, Matthew Electrical Drawings	03/24/2021	2.00	85.00	170.00
72210 - Marsek, Matthew Electrical Drawings	03/25/2021	7.00	85.00	595.00
72210 - Marsek, Matthew Electrical Drawings	03/26/2021	8.00	85.00	680.00
72210 - Marsek, Matthew Electrical Drawings	03/29/2021	5.50	85.00	467.50
72210 - Marsek, Matthew Electrical Drawings	03/30/2021	5.50	85.00	467.50
72210 - Marsek, Matthew Electrical Drawings	03/31/2021	6.50	85.00	552.50
72210 - Marsek, Matthew Electrical Drawings	04/01/2021	6.50	85.00	552.50
72210 - Marsek, Matthew Electrical Drawings	04/02/2021	7.50	85.00	637.50
72210 - Marsek, Matthew Electrical Drawings	04/05/2021	6.50	85.00	552.50
72210 - Marsek, Matthew Electrical Drawings	04/06/2021	5.00	85.00	425.00
72210 - Marsek, Matthew Electrical Drawings	04/07/2021	4.00	85.00	340.00
72210 - Marsek, Matthew Electrical Drawings	04/08/2021	3.00	85.00	255.00
72210 - Marsek, Matthew Electrical Drawings	04/09/2021	4.50	85.00	382.50
60027 - De Sonier, James Meeting covering Design	03/23/2021	2.00	74.00	148.00

60027 - De Sonier, James	03/29/2021	1.50	74.00	111.00
Design: GAC, Equipment List, Heat Trace Work/Edits. Meetings				
60027 - De Sonier, James	03/30/2021	1.50	74.00	111.00
Design: GAC, Equipment List, Heat Trace Work/Edits.				
60027 - De Sonier, James	03/31/2021	1.00	74.00	74.00
Design: GAC, Equipment List, Heat Trace Work/Edits.				
60027 - De Sonier, James	04/01/2021	1.00	74.00	74.00
Design: GAC, Equipment List, Heat Trace Work/Edits.				
60027 - De Sonier, James	04/06/2021	1.50	74.00	111.00
Equipment List Edits and other design misc tasks				
60027 - De Sonier, James	04/07/2021	1.50	74.00	111.00
Equipment List Edits and other design misc tasks				
60027 - De Sonier, James	04/08/2021	1.50	74.00	111.00
Equipment List Edits and other design misc tasks				
60027 - De Sonier, James	04/09/2021	1.50	74.00	111.00
Equipment List Edits and other design misc tasks				
60027 - De Sonier, James	04/12/2021	2.00	74.00	148.00
Drawing Edits/QAQC				
60027 - De Sonier, James	04/13/2021	2.00	74.00	148.00
Drawing Edits/QAQC				
60027 - De Sonier, James	04/14/2021	1.00	74.00	74.00
Drawing Edits/QAQC				
60027 - De Sonier, James	04/15/2021	1.00	74.00	74.00
Drawing Edits/QAQC				
60027 - De Sonier, James	04/16/2021	1.00	74.00	74.00
Drawing Edits/QAQC				
60027 - De Sonier, James	04/19/2021	1.50	74.00	111.00
Equipment List, Communication with Vendors, Meeting with Team				
60027 - De Sonier, James	04/20/2021	2.00	74.00	148.00
Equipment List, Communication with Vendors				
60027 - De Sonier, James	04/21/2021	1.00	74.00	74.00
Equipment List, Communication with Vendors				
60027 - De Sonier, James	04/22/2021	2.50	74.00	185.00
Equipment List, Communication with Vendors, Meeting with Team				
60027 - De Sonier, James	04/23/2021	1.00	74.00	74.00
Equipment List, Communication with Vendors				
37889 - Sidoti, John	03/24/2021	1.00	148.00	148.00
team electrical and I&C design review				
37889 - Sidoti, John	03/25/2021	1.00	148.00	148.00
electrical design updates; team design coord.				
37889 - Sidoti, John	03/30/2021	0.50	148.00	74.00
elect. design coord.				
37889 - Sidoti, John	03/31/2021	0.50	148.00	74.00
design coord.: elect, I&C				
37889 - Sidoti, John	04/01/2021	1.00	148.00	148.00
elect. lighting/recept. Plans				
37889 - Sidoti, John	04/02/2021	1.00	148.00	148.00
elect. design coord. and updates (lighting, power, MCP)				
37889 - Sidoti, John	04/06/2021	1.00	148.00	148.00
electrical drawing updates				
37889 - Sidoti, John	04/07/2021	1.50	148.00	222.00
electrical, I&C drawing updates; team engineering call				
37889 - Sidoti, John	04/08/2021	2.00	148.00	296.00

electrical, I&C drawing QA/QC				
37889 - Sidoti, John	04/09/2021	1.50	148.00	222.00
electrical drawing updates, QA/QC, design coord.				
37889 - Sidoti, John	04/22/2021	0.50	148.00	74.00
electrical design coord.				
35562 - Fuller, Andrew	03/22/2021	1.00	136.00	136.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	03/23/2021	2.00	136.00	272.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	03/25/2021	1.00	136.00	136.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	03/26/2021	1.00	136.00	136.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	03/29/2021	2.00	136.00	272.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	03/30/2021	1.00	136.00	136.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	04/02/2021	0.50	136.00	68.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	04/05/2021	4.00	136.00	544.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	04/06/2021	3.00	136.00	408.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	04/07/2021	2.00	136.00	272.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	04/08/2021	1.00	136.00	136.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	04/09/2021	3.50	136.00	476.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	04/12/2021	2.50	136.00	340.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	04/13/2021	2.50	136.00	340.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	04/14/2021	2.00	136.00	272.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	04/15/2021	1.00	136.00	136.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	04/16/2021	3.00	136.00	408.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	04/20/2021	1.00	136.00	136.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	04/23/2021	1.00	136.00	136.00
TWA, procurement, planning, design review				
38481 - Sanchez, Adriana	03/24/2021	1.00	113.00	113.00
dwg revision based on site visit and requirements				
38481 - Sanchez, Adriana	03/25/2021	1.00	113.00	113.00
dwg revision based on site visit and requirements				
38481 - Sanchez, Adriana	03/26/2021	3.00	113.00	339.00
dwg revision based on site visit and requirements				
38481 - Sanchez, Adriana	04/01/2021	1.00	113.00	113.00
EIC revision				
38481 - Sanchez, Adriana	04/07/2021	1.50	113.00	169.50

Project call, drawings rev, support procurement					
38481 - Sanchez, Adriana	04/08/2021	1.50	113.00	169.50	
Project call, drawings rev, support procurement					
38481 - Sanchez, Adriana	04/22/2021	2.00	113.00	226.00	
drawing revisions					
36492 - Wahlberg, Jennifer	03/23/2021	3.00	113.00	339.00	
GW Capture Analysis on proposed RW-6 locations					
37071 - Bucek, Michael	04/05/2021	0.50	113.00	56.50	
conc pad coord call					
37071 - Bucek, Michael	04/06/2021	1.50	113.00	169.50	
cond pad drawing modifications & coordination					
35368 - Catchpole, Daniel	03/24/2021	1.00	93.00	93.00	
Elec Design					
35368 - Catchpole, Daniel	03/25/2021	0.50	93.00	46.50	
Elec Design					
35368 - Catchpole, Daniel	04/01/2021	0.50	93.00	46.50	
Elec Design					
35368 - Catchpole, Daniel	04/19/2021	1.00	93.00	93.00	
Elec Design					
24363 - Scillieri, Darren	03/31/2021	0.50	148.00	74.00	
system design, review sieve analysis results					
24363 - Scillieri, Darren	04/07/2021	0.50	148.00	74.00	
system design, review sieve analysis results					
24363 - Scillieri, Darren	04/14/2021	0.50	148.00	74.00	
system design, review sieve analysis results					
24363 - Scillieri, Darren	04/21/2021	1.00	148.00	148.00	
system design, review sieve analysis results					

181.30

18,006.90
Total Labor
18,006.90 USD
Total This Task

18,006.90 USD

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00016 - Permitting an Compliance	21 - MD001134.0001/00016

Labor

<u>Employee No. and Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>This Invoice</u>
60027 - De Sonier, James TWA Text Edits	03/29/2021	2.00	74.00	148.00
60027 - De Sonier, James TWA Text Edits	03/30/2021	1.00	74.00	74.00
60027 - De Sonier, James Attempted to communicate with NJDEP regarding TWA	03/31/2021	0.50	74.00	37.00
60027 - De Sonier, James Attempted to communicate with NJDEP regarding TWA	04/01/2021	0.50	74.00	37.00
60027 - De Sonier, James	04/06/2021	2.50	74.00	185.00

TWA Permit					
60027 - De Sonier, James TWA Permit	04/07/2021	3.00	74.00	222.00	
60027 - De Sonier, James Soil & Erosion Control Plan	04/08/2021	3.00	74.00	222.00	
60027 - De Sonier, James Soil & Erosion Control Plan	04/09/2021	3.00	74.00	222.00	
60027 - De Sonier, James TWA edits	04/12/2021	1.00	74.00	74.00	
60027 - De Sonier, James TWA edits	04/15/2021	1.00	74.00	74.00	
60027 - De Sonier, James TWA Permit Work	04/19/2021	1.00	74.00	74.00	
60027 - De Sonier, James TWA Permit Work	04/21/2021	1.00	74.00	74.00	
60027 - De Sonier, James TWA Permit Work	04/23/2021	1.00	74.00	74.00	
23873 - Antczak, Bridget update air permit application for OWS, Equal Tank, and Sludge Tank	04/14/2021	1.00	131.00	131.00	
35562 - Fuller, Andrew TWA, procurement, planning, design review	04/19/2021	3.00	136.00	408.00	
35562 - Fuller, Andrew TWA, procurement, planning, design review	04/21/2021	2.00	136.00	272.00	
35562 - Fuller, Andrew TWA, procurement, planning, design review	04/22/2021	2.00	136.00	272.00	
38481 - Sanchez, Adriana air permitting, drawings	04/14/2021	1.00	113.00	113.00	
24518 - Cucuini, Jeremy wetland permit status check in with NJDEP	03/26/2021	0.50	131.00	65.50	
24518 - Cucuini, Jeremy Air/TWA Permit support	04/01/2021	0.50	131.00	65.50	
24518 - Cucuini, Jeremy wetland permit status check in with NJDEP	04/02/2021	0.50	131.00	65.50	
24518 - Cucuini, Jeremy TWA/SESCP/Wetland permitting support	04/05/2021	1.00	131.00	131.00	
24518 - Cucuini, Jeremy TWA/SESCP/Wetland permitting support	04/06/2021	1.50	131.00	196.50	
24518 - Cucuini, Jeremy TWA/SESCP/Wetland permitting support	04/09/2021	1.00	131.00	131.00	
24518 - Cucuini, Jeremy TWA/SESCP/Wetland permitting support	04/12/2021	2.00	131.00	262.00	
24518 - Cucuini, Jeremy TWA/SESCP/Wetland permitting support	04/19/2021	1.00	131.00	131.00	
24518 - Cucuini, Jeremy TWA/SESCP/Wetland permitting support	04/23/2021	0.50	131.00	65.50	
		38.00		3,826.50	
Total Labor				3,826.50 USD	
				<hr/>	
Total This Task				3,826.50 USD	

Total This Project 21,833.40 USD

Total This Invoice 21,833.40 USD

Total This Invoice 21,833.40 USD

**Table 1
Action Plan as of 15 May 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2018	Submitted

**Table 1
Action Plan as of 15 May 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cucuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cucuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cucuini, Dave Maza	NA	Ongoing	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set at 90% complete as of May 2021, with final design expected by early June for bid package.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cucuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with permit application ongoing, and will be finalized/submitted once system design is finalized. SESCO also initiated in April 2020, and will be submitted once system design is finalized. NJPDES and Air permit to be submitted in May/June 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cucuini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

ID	Task Name	Start	Finish	2020				2021				2022				2023				2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Boonton, NJ Former MGP Site Remediation	Fri 1/10/03	Fri 1/31/25																				
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18																				
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18																				
29	Groundwater RAWP Implementation	Thu 1/9/20	Wed 2/8/23																				
30	Pre-Design Investigation	Thu 1/9/20	Wed 9/30/20																				
31	Design Process	Thu 10/1/20	Wed 3/17/21																				
32	Procurement	Thu 3/18/21	Wed 6/16/21																				
40	Implementation	Thu 6/17/21	Wed 9/22/21																				
44	Post Remedial Action Activities	Thu 9/23/21	Wed 2/8/23																				
54	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
55	Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
60	Supplemental Soil RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
61	RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
71	Supplemental Soil RAWP Implementation	Mon 9/13/21	Fri 1/20/23																				
72	Procurement	Mon 4/11/22	Fri 7/22/22																				
77	Implementation	Mon 9/13/21	Fri 11/4/22																				
83	Post Remedial Action Activities	Mon 4/4/22	Fri 1/20/23																				
92	Groundwater OM&M	Mon 10/4/21	Fri 1/31/25																				

Project: Boonton Date: Thu 4/8/21	Task		External MileTask		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Progress	
	External Tasks		Duration-only		Split	

Table 2
Budget Status for Site Remediation through 25 April 2021
 Boonton Farmer MGP Site
 Boonton, New Jersey
 Purchase Order No. 55115885

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET ¹	CURRENT TASK BUDGET	CURRENT INVOICE AMOUNT	OUT OF SCOPE WORK THIS PERIOD ²	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
Phase 1, Site Remediation									
1	Annual Progress Reporting, Including CEA Proposal	11,470	11,470	0	0	12,079	12,079	(609)	106%
2	Updates to Groundwater Modeling	28,312	28,312	0	0	28,281	28,281	21	100%
3	Preparation of RAMP Addendum	23,328	78,793	0	0	79,728	79,728	67	100%
4	Project Management	7,572	147,698	0	0	148,184	148,184	(1,488)	101%
6	LSRP Services	13,500	47,550	340	0	45,119	45,459	2,991	66%
8	Soil Delineation Evaluation	5,084	5,084	0	0	8,488	8,488	(4,414)	167%
7	Access Negotiations and Soil Sampling	47,541	88,034	0	0	94,919	94,919	1,115	88%
8	Supplemental Remedial Investigation Report	16,657	61,792	0	0	84,435	84,435	(2,643)	104%
9	Access Coordination	6,960	6,960	0	0	7,928	7,928	(868)	114%
10	Groundwater Sampling	42,520	40,370	0	0	46,189	46,189	172	100%
11	Surface Water and Sediment Sampling	23,710	41,940	0	0	23,344	23,344	18,596	59%
12	Data Evaluation and Reporting	10,850	10,850	0	0	11,461	11,461	(461)	104%
13	PCI Permit Evaluation, Reconnaissance, Data Evaluation	31,240	31,240	0	0	36,572	36,572	(5,332)	117%
14	Pre-Design Investigation	297,640	482,180	0	0	501,244	501,244	(9,064)	102%
15	Groundwater Containment System Design	68,760	151,073	18,008	0	132,122	150,128	845	66%
16	Permitting and Compliance	37,342	76,574	3,827	0	39,892	43,719	32,858	57%
TOTALS (\$):		672,614	1,335,045	22,173	0	1,281,992	1,304,165	30,884	88%

Notes:

1. Work authorized by Purchase Order Number 55115885 dated 10/18/12 in accordance with the Arcadis Proposal dated 5/21/12.
2. Task 6 Authorized by written notice to proceed by JCP&L, dated 3/28/13.
3. Task 7 and 8 authorized by change order #5, dated 9/25/18, to purchase order 55115885 in accordance with the Arcadis proposal dated 9/12/18.
4. Updates to compensation in the amount of \$39,084 added to project budget per the Arcadis proposal dated 2/2/19, and approved by JCP&L on 3/3/19.
5. Updates to compensation in the amount of \$83,035 added to project budget per the Arcadis proposal dated 8/7/19, and approved by JCP&L Change Order #7 on 8/25/19.
6. Updates to compensation in the amount of \$83,434 added to project budget per the Arcadis proposal dated 2/4/19, and approved by JCP&L Change Order #8 on 2/18/19.
7. Updates to compensation in the amount of \$96,830 added to project budget per the Arcadis proposal dated 7/20/2018 and approved by JCP&L Change Order #9 on 8/3/2018.
8. Updates to compensation in the amount of \$43,240 added to project budget per the Arcadis proposal dated 9/8/2017 and approved by JCP&L Change Order #10 on 9/20/2017.
9. Updates to compensation in the amount of \$41,240 added to project budget per the Arcadis proposal dated 4/11/2018 and approved by JCP&L Change Order #11 on 4/24/18.
10. Updates to compensation in the amount of \$10,010 added to project budget per the Arcadis proposal dated 8/6/2018 and approved by JCP&L Change Order #12 on 8/8/18.
11. Updates to compensation in the amount of \$197,640 added to project budget per the Arcadis proposal dated 2/11/2019 and approved by JCP&L Change Order #13 on 3/20/19.
12. Updates to compensation in the amount of \$139,190 added to project budget per the Arcadis proposal dated 10/15/2019 and approved by JCP&L Change Order #14 on 10/31/2019.
13. Updates to compensation in the amount of \$36,666 added to project budget per the Arcadis proposal dated 3/17/20 and approved by JCP&L Change Order #15 on 3/23/20.
14. Updates to compensation in the amount of \$18,388 added to project budget per the Arcadis proposal dated 4/6/20 and approved by JCP&L Change Order #16 on 4/12/20.
15. Updates to compensation in the amount of \$92,950 added to project budget per the Arcadis proposal dated 9/21/20 and approved by JCP&L Change Order #17 on 10/12/20.
16. Updates to compensation in the amount of \$39,252 added to project budget per the Arcadis proposal dated 11/03/20 and approved by JCP&L Change Order #18 on 11/9/20.

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Subject:
Monthly Progress Report (MPR) – April 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 22 March 2021 and ending 25 April 2021. This report is compliant with the requirements of Purchase Order Number 55115885 and 55130412 between JCP&L and Arcadis, and pursuant to the specified Scope of Work.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Continuation of design related tasks associated with the proposed groundwater containment system, including electrical one-line drawings and specifications.
- Additional support with NJPDES discharge permitting (TWA) and associated air permitting preparation.

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

ENVIRONMENT

Date:
24 May 2021

Contact:
Jeremy Cuccuini

Phone:
609.366.9033

Email:
Jeremy.cuccuini@arcadis-us.com

Our ref:
MD001134.0001

- Procurement assistance associated with pending groundwater treatment system bid package submittal, including specifications, instruction to bidders, letter of intent communications and the RFP package.
- Preparation for and installation of the site recovery wells and RW-2 pilot hole. This includes associated utility clearance work, and associated subcontractor invoicing for these services.

The most recent MPR for March 2021 was submitted on 23 April 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 June 2021.

Section 3: Action Plan

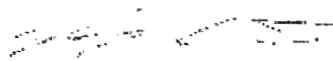
Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 May 2021 through 15 July 2021).

The overall project budget for the current phases of work under PO 55115885 including Phase 14 (Pre-Design Investigation), Phase 15 Groundwater Containment System Design and Phase 16 Permitting and Compliance is shown on Table 2. The overall project budget for the current phases of work under PO 55130412 including Task 1 Project Management, Task 2 Procurement Assistance and Task 3 Recovery and Performance Monitoring Well Recovery, is shown on Table 3. Table 2 and Table 3 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cuccuini
Certified Project Manager

Copies:

D. Scillieri, Arcadis

D. Maza, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
300 Madison Ave
Morristown, NJ 07960-8169
United States

Arcadis U.S., Inc.
Bank of America
Acct: 8188093937
ACH: 071 000 039 Wire: 026009 593
SWIFT: BOFAUS3N
Remit-mailbox@arcadis-us.com
62638 Collections Center Drive
Chicago, IL 60693-0626

received 5/25/21

Invoice Date	24-May-2021	Invoice Number	34234244
Due Date	08-Jul-2021	Payment Term	45 days
PO# 55115885			
Arcadis Reference Number	MD001134.0001	Project Number	30015927
Arcadis Reference Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY	Project Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY
Services Through	25-Apr-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 25-Apr-2021

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00005 - LSRP Services	6 - MD001134.0001/00005

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Thompson, David	2.50	Hours	136.00 ✓	340.00
				340.00
Total This Task				340.00 USD
Total This Project				340.00 USD
Total This Invoice				340.00 USD

SFS# 1122120524^{2.50} Fax # 38045104
APPROVAL STAMP
P.O. NO. 55115885/2 INV. NO. 34234244
COMPANY CODE: SCOO COST CENTER _____
COST ELEMENT (GL ACCT.): 550300
ORDER: 3001017 WBS: _____
APPROVED BY: _____ Total BMR NO: _____
JRusu C10093 6/10/21

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N

Remittance Address: Remit-Mailbox@arcadis-us.com
Please include the Invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.

Transaction Details - Invoice Number 34234244

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00005 - LSRP Services	6 - MD001134.0001/00005

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35155 - Thompson, David Weekly status call and follow-up	03/24/2021	1.00	136.00	136.00
35155 - Thompson, David Weekly status call	03/31/2021	0.50	136.00	68.00
35155 - Thompson, David Weekly status call and follow-up	04/14/2021	1.00	136.00	136.00
		2.50		340.00
Total Labor				340.00 USD
Total This Task				340.00 USD
Total This Project				340.00 USD
Total This Invoice				340.00 USD
			Total This Invoice	340.00 USD

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

Subject:
Monthly Progress Report (MPR) LSRP Services –April 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

ENVIRONMENT

Dear Ms. Rusu:

Date:
24 May 2021

The following summarizes Licensed Site Remediation Professional (LSRP) related project activities performed by Arcadis for the above referenced site during the billing period beginning 22 March 2021 and ending 25 April 2021.

Contact:
Jeremy Cuccuini

Section 1: Work Performed

Phone:
609.366.9033

The following work was performed during the period under Purchase Order Number 55115885:

Email:
Jeremy.cuccuini@arcadis-us.com


- LSRP time for project team calls and general team/project communication.
Respond to public inquiry regarding site activities.

Our ref:
MD001134.0001

If you have any questions about this report, please do not hesitate to contact the undersigned.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cuccuini
Project Manager

Copies:
D. Scillieri, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 6/14/21

Invoice Date	14-Jun-2021	Invoice Number	34238271
Due Date	29-Jul-2021	Payment Term	45 days
PO# 55130412			
Arcadis Reference Number	30083906	Project Number	30083906
Arcadis Reference Name	30083906 - JCPL Boonton	Project Name	30083906 - JCPL Boonton
Services Through	23-May-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 23-May-2021

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Jones Jackson, Legenetta	5.70	Hours	54.00 ✓	307.80
Collins, Lisa	5.00	Hours	54.00 ✓	270.00
Mack, David	0.50	Hours	136.00 —	68.00
Haynes, Julie	0.50	Hours	54.00 ✓	27.00
Cuccuini, Jeremy	9.50	Hours	131.00 ✓	1,244.50
Scillieri, Darren	2.50	Hours	148.00 ✓	370.00
	23.70			2,287.30

Other Reimbursable Charges 50.91

approval stamp on next page

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N
Remittance Address: Remit-Mailbox@arcadis-us.com			
Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.			

Total This Task

2,338.21 USD

Project 30083906 - 30083906 - JCPL Boonton Task 00002 - Procurement Assistance Contract Line 2 - Task 00002

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
De Sonier, James	12.00	Hours	74.00 ✓	888.00
Fuller, Andrew	18.50	Hours	136.00 ✓	2,516.00
Mastrocola, Krista	20.00	Hours	122.00 ✓	2,440.00
Maza, David	2.90	Hours	122.00 ✓	353.80
Cuccuini, Jeremy	14.50	Hours	131.00 ✓	1,899.50
Scillieri, Darren	1.00	Hours	148.00 ✓	148.00
	<u>68.90</u>			<u>8,245.30</u>

Total This Task

8,245.30 USD

Project 30083906 - 30083906 - JCPL Boonton Task 00003 - Recovery & Performance Monitoring Well Installation Contract Line 4 - Task 00003

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Kane, Raleigh	168.30	Hours	93.00 ✓	15,651.90
Maza, David	17.40	Hours	122.00 ✓	2,122.80
Cuccuini, Jeremy	14.00	Hours	131.00 ✓	1,834.00
Scillieri, Darren	1.00	Hours	148.00 ✓	148.00
	<u>200.70</u>			<u>19,756.70</u>

Subcontracting

59,447.06

Reimbursable Expenses

SFS# 1122267015 Fax# 38049262 2,070.44

Other Reimbursable Charges

2,209.71

Total This Task

83,483.91 USD

Total This Project

94,067.42 USD

Total This Invoice

94,067.42 USD

APPROVAL STAMP

P.O. NO 55130412/1 INV. NO. 34238271

COMPANY CODE.: SCOO COST CENTER _____

COST ELEMENT (GL ACCT.): 550300

ORDER: 3001017 WBS: _____

APPROVED BY: _____ EMP. NO.: _____

Oliver C10093 9/7/21

Total This Invoice

94,067.42 USD

Transaction Details - Invoice Number 34238271

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
62553 - Jones Jackson, Legenetta project support	04/26/2021	2.00	54.00	108.00
62553 - Jones Jackson, Legenetta project support	04/26/2021	2.00	54.00	108.00
62553 - Jones Jackson, Legenetta project support	05/19/2021	1.70	54.00	91.80
23893 - Collins, Lisa edit contract and project with change order	05/05/2021	1.00	54.00	54.00
23893 - Collins, Lisa review project costs	05/06/2021	0.50	54.00	27.00
23893 - Collins, Lisa transfers, project review	05/12/2021	3.50	54.00	189.00
24724 - Mack, David ANA project review	05/11/2021	0.50	136.00	68.00
24573 - Haynes, Julie project support	04/28/2021	0.50	54.00	27.00
24518 - Cucchini, Jeremy March monthly progress report and associated invoicing	04/26/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy weekly team meeting, Q1 ACO Report	04/28/2021	2.00	131.00	262.00
24518 - Cucchini, Jeremy March invoicing and PM	04/30/2021	0.50	131.00	65.50
24518 - Cucchini, Jeremy budget/PO reviews, project accounting	05/04/2021	0.50	131.00	65.50
24518 - Cucchini, Jeremy weekly team meeting, PM support	05/05/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy weekly team call, project coordination/PM	05/12/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy April invoicing and budgets	05/13/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy weekly team meeting, May accruals and April invoicing/PM	05/19/2021	1.50	131.00	196.50
24518 - Cucchini, Jeremy May accruals, April invoicing/monthly progress reporting	05/21/2021	1.00	131.00	131.00
24363 - Scillieri, Darren project team kick off meeting	04/27/2021	0.50	148.00	74.00
24363 - Scillieri, Darren system design, review sieve analysis results	04/28/2021	0.50	148.00	74.00
24363 - Scillieri, Darren project coordination	04/30/2021	0.50	148.00	74.00

24363 - Scillieri, Darren	05/05/2021	0.50	148.00	74.00
system design, review sieve analysis results				
24363 - Scillieri, Darren	05/07/2021	0.50	148.00	74.00
project coordination				

<u>23.70</u>	<u>2,287.30</u>
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Total Labor **2,287.30 USD**

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Tools & Equipment				
US1-210032714	05/07/2021	05/07/2021	Pine Environmental Services LLC	50.91 ✓
Total Other Reimbursable Charges				<u>50.91 USD</u>
Total This Task				2,338.21 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00002 - Procurement Assistance	2 - Task 00002

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
60027 - De Sonier, James Emails	04/30/2021	0.50	74.00	37.00
60027 - De Sonier, James Meeting, RFP	05/03/2021	2.00	74.00	148.00
60027 - De Sonier, James RFQ Letters	05/06/2021	1.50	74.00	111.00
60027 - De Sonier, James Compare Arcadis RFP to Client specifications	05/11/2021	5.00	74.00	370.00
60027 - De Sonier, James Meeting. Edits, Emails	05/17/2021	2.00	74.00	148.00
60027 - De Sonier, James Edits to Figures	05/19/2021	1.00	74.00	74.00
35562 - Fuller, Andrew TWA, procurement, planning, design review	04/26/2021	1.50	136.00	204.00
35562 - Fuller, Andrew TWA, procurement, planning, design review	04/27/2021	1.00	136.00	136.00
35562 - Fuller, Andrew TWA, procurement, planning, design review	04/30/2021	2.00	136.00	272.00
35562 - Fuller, Andrew System design, permitting, contractor coord'n	05/03/2021	2.00	136.00	272.00
35562 - Fuller, Andrew System design, permitting, contractor coord'n	05/04/2021	1.00	136.00	136.00
35562 - Fuller, Andrew permitting, contractor coord'n	05/11/2021	0.50	136.00	68.00
35562 - Fuller, Andrew permitting, contractor coord'n	05/12/2021	1.00	136.00	136.00
35562 - Fuller, Andrew permitting, contractor coord'n	05/13/2021	1.00	136.00	136.00
35562 - Fuller, Andrew permitting, contractor coord'n	05/16/2021	1.50	136.00	204.00

permitting, contractor coord'n				
35562 - Fuller, Andrew permitting, contractor RFP	05/17/2021	0.50	136.00	68.00
35562 - Fuller, Andrew permitting, contractor RFP	05/18/2021	1.00	136.00	136.00
35562 - Fuller, Andrew permitting, contractor RFP	05/19/2021	3.00	136.00	408.00
35562 - Fuller, Andrew permitting, contractor RFP	05/20/2021	2.50	136.00	340.00
25081 - Mastrocola, Krista Preparation of Procurement Package - RFP / M&P	04/28/2021	1.00	122.00	122.00
25081 - Mastrocola, Krista Preparation of Procurement Package - RFP / M&P	04/30/2021	0.50	122.00	61.00
25081 - Mastrocola, Krista Preparation of Procurement Package - Technical Specifications and Civil Drawings	05/03/2021	1.50	122.00	183.00
25081 - Mastrocola, Krista Preparation of Procurement Package - Technical Specifications and Civil Drawings	05/04/2021	1.50	122.00	183.00
25081 - Mastrocola, Krista Preparation of Procurement Package - Technical Specifications and Civil Drawings	05/05/2021	4.50	122.00	549.00
25081 - Mastrocola, Krista Preparation of Procurement Package - Technical Specifications and Civil Drawings	05/06/2021	2.50	122.00	305.00
25081 - Mastrocola, Krista Preparation of Procurement Package - Technical Specifications and Civil Drawings	05/10/2021	1.00	122.00	122.00
25081 - Mastrocola, Krista Preparation of Procurement Package - Technical Specifications and Civil Drawings	05/17/2021	1.00	122.00	122.00
25081 - Mastrocola, Krista Preparation of Procurement Package - Technical Specifications and Civil Drawings	05/18/2021	2.50	122.00	305.00
25081 - Mastrocola, Krista Preparation of Procurement Package - Technical Specifications and Civil Drawings	05/19/2021	4.00	122.00	488.00
35671 - Maza, David procurement call	04/28/2021	0.80	122.00	97.60
35671 - Maza, David review RFP, procurement call	05/03/2021	1.00	122.00	122.00
35671 - Maza, David procurement call	05/10/2021	0.80	122.00	97.60
35671 - Maza, David review final bid package	05/20/2021	0.30	122.00	36.60
24518 - Cuccuini, Jeremy bid package support	04/26/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid package support	04/27/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid package support	04/29/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid package support	04/30/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid package support	05/03/2021	1.50	131.00	196.50
24518 - Cuccuini, Jeremy bid package support	05/04/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid package support, contact bidders, follow-up	05/05/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy	05/06/2021	1.00	131.00	131.00

bid package support				
24518 - Cuccuini, Jeremy	05/07/2021	1.00	131.00	131.00
bid package support				
24518 - Cuccuini, Jeremy	05/11/2021	1.00	131.00	131.00
bid package support				
24518 - Cuccuini, Jeremy	05/12/2021	1.00	131.00	131.00
bid package support, contact bidders, follow-up				
24518 - Cuccuini, Jeremy	05/20/2021	2.00	131.00	262.00
Instructions to bidders and RFP edits				
24518 - Cuccuini, Jeremy	05/21/2021	1.00	131.00	131.00
instructions to bidders and RFP edits				
24363 - Scillieri, Darren	05/12/2021	1.00	148.00	148.00
project team meeting, project coordination				

68.90	8,245.30
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Total Labor

8,245.30 USD

Total This Task

8,245.30 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00003 - Recovery & Performance Monitoring Well Installation	4 - Task 00003

Labor

<u>Employee No. and Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>This Invoice</u>
39026 - Kane, Raleigh	04/26/2021	9.30	93.00	864.90
Drilling oversight				
39026 - Kane, Raleigh	04/27/2021	9.90	93.00	920.70
Drilling oversight				
39026 - Kane, Raleigh	04/28/2021	9.30	93.00	864.90
Well development oversight				
39026 - Kane, Raleigh	04/29/2021	9.50	93.00	883.50
Well development oversight				
39026 - Kane, Raleigh	04/30/2021	2.00	93.00	186.00
Equipment demob, paperwork management				
39026 - Kane, Raleigh	05/03/2021	2.60	93.00	241.80
Figure markup for location offset				
39026 - Kane, Raleigh	05/04/2021	1.20	93.00	111.60
Expense report				
39026 - Kane, Raleigh	05/05/2021	9.90	93.00	920.70
Mob and drilling oversight				
39026 - Kane, Raleigh	05/06/2021	12.00	93.00	1,116.00
Drilling oversight and temp well sampling				
39026 - Kane, Raleigh	05/07/2021	1.50	93.00	139.50
Drilling oversight				
39026 - Kane, Raleigh	05/07/2021	7.50	93.00	697.50
Drilling oversight				
39026 - Kane, Raleigh	05/10/2021	3.50	93.00	325.50
Drilling Oversight and Well Development				
39026 - Kane, Raleigh	05/10/2021	8.00	93.00	744.00
Drilling Oversight and Well Development				

39026 - Kane, Raleigh Drilling Oversight and Well Development	05/11/2021	2.00	93.00	186.00
39026 - Kane, Raleigh Drilling Oversight and Well Development	05/11/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Drilling Oversight	05/12/2021	0.50	93.00	46.50
39026 - Kane, Raleigh Drilling Oversight	05/12/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Drilling Oversight	05/13/2021	1.20	93.00	111.60
39026 - Kane, Raleigh Drilling Oversight	05/13/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Drilling Oversight and Well Development	05/14/2021	0.50	93.00	46.50
39026 - Kane, Raleigh Drilling Oversight and Well Development	05/14/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Well Install Oversight	05/17/2021	2.50	93.00	232.50
39026 - Kane, Raleigh Well Install Oversight	05/17/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Well Install and Demob Oversight	05/18/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Well Development and Rig Repair Oversight	05/19/2021	1.00	93.00	93.00
39026 - Kane, Raleigh Well Development and Oversight of Rig Repair	05/19/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Drilling Oversight	05/20/2021	1.20	93.00	111.60
39026 - Kane, Raleigh Drilling Oversight	05/20/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Well Install Oversight	05/21/2021	1.20	93.00	111.60
39026 - Kane, Raleigh Well Install Oversight	05/21/2021	8.00	93.00	744.00
35671 - Maza, David office support for well installs, calls with Raleigh, call with PM, coordination with driller	04/26/2021	1.00	122.00	122.00
35671 - Maza, David office support for well installs, calls with Raleigh, calls with driller, call with PM, call with Andy,	04/27/2021	1.40	122.00	170.80
35671 - Maza, David well install coordination, call with driller, calls with Raleigh, revise drilling schedule, review driller invoice	04/28/2021	1.60	122.00	195.20
35671 - Maza, David call with Raleigh	04/29/2021	0.30	122.00	36.60
35671 - Maza, David coordinate well installs, call with Raleigh	05/03/2021	0.60	122.00	73.20
35671 - Maza, David coordinate well install	05/04/2021	0.30	122.00	36.60
35671 - Maza, David coordinate well install	05/05/2021	0.20	122.00	24.40
35671 - Maza, David coordinate well install and temp well sampling, call with Raleigh	05/06/2021	0.80	122.00	97.60
35671 - Maza, David well install coordination and scheduling, calls with Raleigh, review GW results, evaluate screen interval and well construction for RW-2, related communications	05/07/2021	1.50	122.00	183.00
35671 - Maza, David	05/10/2021	0.40	122.00	48.80

well installation office support, calls with Raleigh				
35671 - Maza, David	05/11/2021	0.40	122.00	48.80
well installation office support, calls with Raleigh, coordinate with driller				
35671 - Maza, David	05/12/2021	1.60	122.00	195.20
well installation office support, calls with Raleigh, update field schedule, resource coordination, call PM				
35671 - Maza, David	05/13/2021	0.40	122.00	48.80
well install office support, driller coordination				
35671 - Maza, David	05/14/2021	3.80	122.00	463.60
well install office support, driller coordination, calls with Raleigh, call with PM, review PDI boring logs, evaluate RW-6				
well construction, call JC and DS, coordinate well construction updates with Raleigh and driller				
35671 - Maza, David	05/19/2021	0.70	122.00	85.40
well install coordination/communications, call with Raleigh				
35671 - Maza, David	05/20/2021	1.40	122.00	170.80
well install coordination/communications, calls with Raleigh, coordinate with driller				
35671 - Maza, David	05/21/2021	1.00	122.00	122.00
calls with Raleigh, coordinate with driller on moving stone, call with PM				
24518 - Cucchini, Jeremy	05/03/2021	1.00	131.00	131.00
planning, coordination, support				
24518 - Cucchini, Jeremy	05/04/2021	1.00	131.00	131.00
planning, coordination, support				
24518 - Cucchini, Jeremy	05/05/2021	1.00	131.00	131.00
field updates and support				
24518 - Cucchini, Jeremy	05/06/2021	1.00	131.00	131.00
field updates and support				
24518 - Cucchini, Jeremy	05/07/2021	1.50	131.00	196.50
field updates and support				
24518 - Cucchini, Jeremy	05/10/2021	1.00	131.00	131.00
planning, coordination, support				
24518 - Cucchini, Jeremy	05/11/2021	1.00	131.00	131.00
planning, coordination, support				
24518 - Cucchini, Jeremy	05/12/2021	0.50	131.00	65.50
field updates and support				
24518 - Cucchini, Jeremy	05/13/2021	1.00	131.00	131.00
field updates and support				
24518 - Cucchini, Jeremy	05/14/2021	1.00	131.00	131.00
field updates and support, screen length discussions at RW-6 based on field screening				
24518 - Cucchini, Jeremy	05/17/2021	1.50	131.00	196.50
field coordination, support per rig breakdown issues and offsite property owner concerns				
24518 - Cucchini, Jeremy	05/18/2021	1.00	131.00	131.00
planning, coordination, support				
24518 - Cucchini, Jeremy	05/19/2021	0.50	131.00	65.50
field updates and support				
24518 - Cucchini, Jeremy	05/20/2021	0.50	131.00	65.50
field updates and support				
24518 - Cucchini, Jeremy	05/21/2021	0.50	131.00	65.50
field updates and support, communications				
24363 - Scillieri, Darren	05/14/2021	1.00	148.00	148.00
project coordination, team call re: recovery well install				
		200.70		19,756.70
Total Labor				19,756.70 USD

Subcontracting

Invoice Number	Invoice Date	Supplier Name	Cost	Times	This Invoice
Subcontractor 1					
15103105	04/28/2021	SGS North America Inc.	55,558.00	1.0700	59,447.06
Total Subcontracting					59,447.06 USD

Reimbursable Expenses

Expense Report Number	Report Date	Employee/Description	This Invoice
Car Rental			
US003896476383	05/14/2021	Kane, Raleigh/Enterprise rental for 1 month from 4-14 to 5-14-2021	1,516.53 ✓
Food & Drinks			
US003896476383	05/05/2021	Kane, Raleigh/Lunch	11.16 ✓
US003896476383	05/06/2021	Kane, Raleigh/Lunch	12.79 ✓
US003896476383	05/07/2021	Kane, Raleigh/Lunch	13.37 ✓
US003896476383	05/10/2021	Kane, Raleigh/Lunch	14.16 ✓
US003896476383	05/11/2021	Kane, Raleigh/Lunch	13.46 ✓
US003896476383	05/12/2021	Kane, Raleigh/Lunch	14.44 ✓
US003896476383	05/13/2021	Kane, Raleigh/Lunch	11.16 ✓
US003896476383	05/14/2021	Kane, Raleigh/Lunch	12.01 ✓
US003896476383	05/17/2021	Kane, Raleigh/Lunch	14.44 ✓
US003896476383	05/18/2021	Kane, Raleigh/Lunch	12.23 ✓
US003896476383	05/19/2021	Kane, Raleigh/Lunch	14.38 ✓
US003896476383	05/20/2021	Kane, Raleigh/Lunch	13.81 ✓
US003896476383	05/21/2021	Kane, Raleigh/Lunch	12.02 ✓
US3785936305	04/28/2021	Kane, Raleigh/Lunch	15.52 ✓
US3785936305	04/27/2021	Kane, Raleigh/Lunch	14.04 ✓
US3785936305	04/28/2021	Kane, Raleigh/Lunch	14.44 ✓
US3785936305	04/29/2021	Kane, Raleigh/Lunch	12.09 ✓
Fuel			
US003896476383	05/09/2021	Kane, Raleigh/Refueled rental vehicle	64.95 ✓
US003896476383	05/12/2021	Kane, Raleigh/Refueled rental vehicle	54.19 ✓
US003896476383	05/18/2021	Kane, Raleigh/Refueled rental vehicle	66.33 ✓
US3785936305	04/27/2021	Kane, Raleigh/Gas	66.70 ✓
US3785936305	05/03/2021	Kane, Raleigh/Gas	61.50 ✓
Materials			
US003896476383	05/05/2021	Kane, Raleigh/Materials for bagging soil	✓6.22 ✓
US003896476383	05/17/2021	Kane, Raleigh/Sunscreen	✓8.50 ✓
Total Reimbursable Expenses			2,070.44 USD

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Materials				
1812879	05/17/2021	05/17/2021	A Royal Flush	192.14 ✓
US1-210032278	05/06/2021	05/06/2021	Pine Environmental Services LLC	70.69 ✓
US1-210032306	05/06/2021	05/06/2021	Pine Environmental Services LLC	53.31 ✓
Tools & Equipment				
US1-210032278	05/06/2021	05/06/2021	Pine Environmental Services LLC	557.97 ✓
US1-210032306	05/06/2021	05/06/2021	Pine Environmental Services LLC	235.76 ✓
US1-210035568	04/19/2021	05/18/2021	Pine Environmental Services LLC	283.94 ✓
US1-210035580	05/11/2021	05/18/2021	Pine Environmental Services LLC	443.24 ✓

US1-210039103 05/05/2021

05/31/2021 Pine Environmental Services LLC

372.66 ✓

Total Other Reimbursable Charges
Total This Task

2,209.71 USD
83,483.91 USD

Total This Project

94,067.42 USD

Total This Invoice

94,067.42 USD

Total This Invoice

94,067.42 USD

Table 1
Action Plan as of 15 June 2021
Boonton, New Jersey, Former MGP Site

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kallner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kallner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2018	Submitted

**Table 1
Action Plan as of 15 June 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set at issued for Bid and Permit as of June 2021.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with permit application ongoing, and will be finalized/submitted once system design is finalized. SESCO also initiated in April 2020, and will be submitted once system design is finalized (June 2021). NJPDES permit to be submitted in June 2021 pending signature by Parsippany Sewer Authority (currently with them), and Air permit submitted in May 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cuccuini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

**Table 1
 Action Plan as of 15 June 2021
 Boonton, New Jersey, Former MGP Site**

Groundwater Treatment System Recovery Well Installation	ARCADIS – Jeremy Cuccuini, Dave Maza	7/30/21	Ongoing	Recovery wells RW-3, RW-6, RW-7 and RW-8 installed in April/May 2021. Remaining recovery wells RW-2, RW-4 and RW-5 to be installed in mid-June 2021 pending receipt of stainless steel well materials (on order).
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ARCADIS JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2020				2021				2022				2023				2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Boonton, NJ Former MGP Site Remediation	Fri 1/10/03	Fri 1/31/25	[Gantt bar spanning from 1/10/03 to 1/31/25]																			
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18	[Gantt bar spanning from 8/28/09 to 6/15/18]																			
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18	[Gantt bar spanning from 8/28/09 to 6/15/18]																			
29	Groundwater RAWP Implementation	Thu 1/9/20	Wed 2/8/23	[Gantt bar spanning from 1/9/20 to 2/8/23]																			
30	Pre-Design Investigation	Thu 1/9/20	Wed 9/30/20	[Gantt bar spanning from 1/9/20 to 9/30/20]																			
31	Design Process	Thu 10/1/20	Wed 3/17/21	[Gantt bar spanning from 10/1/20 to 3/17/21]																			
32	Procurement	Thu 3/18/21	Wed 6/16/21	[Gantt bar spanning from 3/18/21 to 6/16/21]																			
40	Implementation	Thu 6/17/21	Wed 8/22/21	[Gantt bar spanning from 6/17/21 to 8/22/21]																			
44	Post Remedial Action Activities	Thu 9/23/21	Wed 2/8/23	[Gantt bar spanning from 9/23/21 to 2/8/23]																			
54	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Tue 9/7/21	[Gantt bar spanning from 1/9/17 to 9/7/21]																			
55	Conceptual Design	Mon 1/9/17	Tue 9/7/21	[Gantt bar spanning from 1/9/17 to 9/7/21]																			
60	Supplemental Soil RAWP Preparation	Mon 9/20/21	Fri 4/8/22	[Gantt bar spanning from 9/20/21 to 4/8/22]																			
61	RAWP Preparation	Mon 9/20/21	Fri 4/8/22	[Gantt bar spanning from 9/20/21 to 4/8/22]																			
71	Supplemental Soil RAWP Implementation	Mon 9/13/21	Fri 1/20/23	[Gantt bar spanning from 9/13/21 to 1/20/23]																			
72	Procurement	Mon 4/11/22	Fri 7/22/22	[Gantt bar spanning from 4/11/22 to 7/22/22]																			
77	Implementation	Mon 9/13/21	Fri 11/4/22	[Gantt bar spanning from 9/13/21 to 11/4/22]																			
83	Post Remedial Action Activities	Mon 4/4/22	Fri 1/20/23	[Gantt bar spanning from 4/4/22 to 1/20/23]																			
92	Groundwater OM&M	Mon 10/4/21	Fri 1/31/25	[Gantt bar spanning from 10/4/21 to 1/31/25]																			

Project: Boonton
Date: Thu 4/8/21

Task		External MileTask		Manual Summary Rollup	
Split		Inactive Task		Manual Summary	
Milestone		Inactive Milestone		Start-only	
Summary		Inactive Summary		Finish-only	
Project Summary		Manual Task		Progress	
External Tasks		Duration-only		Split	

Table 3
Budget Status for Site Remediation through 29 May 2021
Swanton Farm: MCP Site
Boonton, New Jersey
Purchase Order No. 55130412

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET*	CURRENT TASK BUDGET	CURRENT INVOICE AMOUNT	OUT OF SCOPE WORK THIS PERIOD	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
<i>Phase 1, Site Remediation</i>									
1	Project Management	30,030	30,030	2,330	0	4,757	7,085	22,925	24%
2	Procurement Assistance	42,881	42,881	8,245	0	10,208	18,461	24,410	43%
3	Recovery and Performance Monitoring Well Installation	272,737	272,737	83,484	0	17,589	104,693	171,954	37%
TOTALS (\$):		345,628	345,628	94,067	0	32,552	128,225	218,909	37%

Notes:

1. Work authorized by Purchase Order Number 55130412 dated 2/16/21 in accordance with the Arcadis Proposal dated 2/16/2021.
2. Task 5 authorized for \$72,377 per Change Order #1 dated 4/12/2021 based on Arcadis proposal dated 2/16/2021.

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Subject:

Monthly Progress Report (MPR) – May 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 26 April 2021 and ending 23 May 2021. This report is compliant with the requirements of Purchase Order Number 55115885 and 55130412 between JCP&L and Arcadis, and pursuant to the specified Scope of Work.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Continuation of design related tasks associated with the proposed groundwater containment system, including finalization of the treatment system design drawings and specifications to be issued for bid.
- Ongoing support with NJPDES discharge permitting (TWA), air permitting preparation and soil Erosion and Sediment Control (SESC) permit. Process NJDEP TWA permit fee of \$8,588.40.

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

ENVIRONMENT

Date:
14 June 2021

Contact:
Jeremy Cuccuini

Phone:
609.366.9033

Email:
Jeremy.cuccuini@arcadis-us.com

Our ref:
MD001134.0001/30008
3906

- Ongoing procurement assistance associated with pending groundwater treatment system bid package submittal, including specifications, instruction to bidders, letter of intent communications and the RFP package.
- Installation of on and offsite recovery wells RW-3, RW-6, RW-7 and RW-8. Process drilling subcontractor and rental equipment invoicing.

The most recent MPR for March 2021 was submitted on 23 April 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 July 2021.

Section 3: Action Plan

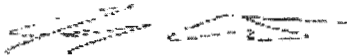
Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 June 2021 through 15 August 2021).

The overall project budget for the current phases of work under PO 55115885 including Phase 14 (Pre-Design Investigation), Phase 15 Groundwater Containment System Design and Phase 16 Permitting and Compliance is shown on Table 2. The overall project budget for the current phases of work under PO 55130412 including Task 1 Project Management, Task 2 Procurement Assistance and Task 3 Recovery and Performance Monitoring Well Recovery, is shown on Table 3. Table 2 and Table 3 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cuccuini
Certified Project Manager

Copies:

D. Scillieri, Arcadis

D. Maza, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 4/14/21

Invoice Date	14-Jun-2021	Invoice Number	34238272
Due Date	29-Jul-2021	Payment Term	45 days
PO# 55115885			
Arcadis Reference Number	MD001134.0001	Project Number	30015927
Arcadis Reference Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY	Project Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY
Services Through	23-May-2021	Project Manager	Jeremy Cucculini
		Client Contact	Jennifer Rusu

Professional Services to 23-May-2021

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00014 - Pre-Design Investigation	15 - MD001134.0001/00014

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Scillieri, Darren	1.00	Hours	148.00 ✓	148.00
	<u>1.00</u>			<u>148.00</u>

Total This Task

148.00 USD

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00015 - GW Containment System Design	20 - MD001134.0001/00015

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Oberlander, Roseanne	12.80	Hours	68.00 ✓	870.40

approval stamp on next page

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N
Remittance Address: Remit-Mailbox@arcadis-us.com			
Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.			

De Sonier, James	14.00	Hours	74.00 ✓	1,036.00
Sidoti, John	1.00	Hours	148.00 ✓	148.00
Fuller, Andrew	7.50	Hours	136.00 ✓	1,020.00
Sanchez, Adriana	5.00	Hours	113.00 ✓	565.00
Catchpole, Daniel	2.00	Hours	93.00 ✓	186.00
	42.30			3,825.40

Total This Task **3,825.40 USD**

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00016 - Permitting an Compliance	21 - MD001134.0001/00016

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Jones Jackson, Legenetta	0.70	Hours	54.00 ✓	37.80
Zielinski, Shelby	0.30	Hours	54.00 ✓	16.20
De Sonier, James	18.00	Hours	74.00 ✓	1,332.00
Antczak, Bridget	1.00	Hours	131.00 ✓	131.00
Maza, David	1.60	Hours	122.00 ✓	195.20
Cuccuini, Jeremy	9.50	Hours	131.00 ✓	1,244.50
	31.10			2,956.70

Other Reimbursable Charges **8,588.80**

Total This Task **11,545.50 USD**

Total This Project **15,518.90 USD**

SES# 1122205586 FOX# 38047436
 Total This Invoice **15,518.90 USD**

APPROVAL STAMP	
P.O. NO. <u>55115885/1</u>	INV. NO. <u>34238272</u>
COMPANY CODE.: SCOO	COST CENTER <u> </u> Total This Invoice
COST ELEMENT (GL ACCT.): <u>550300</u>	
ORDER: <u>3001017</u>	WBS: <u> </u>
APPROVED BY: <u> </u>	EMP. NO.: <u> </u>

Alison C10093 6/25/21

Transaction Details - Invoice Number 34238272

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00014 - Pre-Design Investigation	15 - MD001134.0001/00014

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
24363 - Scillieri, Darren project team meeting, project coordination	05/19/2021	0.50	148.00	74.00
24363 - Scillieri, Darren project coordination, team call re: recovery well install	05/21/2021	0.50	148.00	74.00
		1.00		148.00
Total Labor				148.00 USD

Total This Task 148.00 USD

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00015 - GW Containment System Design	20 - MD001134.0001/00015

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
38225 - Oberlander, Roseanne CAD: Updated IRM drawings for A. Sanchez	04/28/2021	1.50	68.00	102.00
38225 - Oberlander, Roseanne CAD: Text Doc for K. Mastrocola	04/29/2021	1.00	68.00	68.00
38225 - Oberlander, Roseanne CAD: SESC Set for J. DeSonier	05/04/2021	3.20	68.00	217.60
38225 - Oberlander, Roseanne CAD: Updated P&ID for J. DeSonier	05/05/2021	0.50	68.00	34.00
38225 - Oberlander, Roseanne CAD: Update SESC set for K. Mastrocola	05/06/2021	0.80	68.00	54.40
38225 - Oberlander, Roseanne CAD: Update SESC set for K. Mastrocola	05/07/2021	2.50	68.00	170.00
38225 - Oberlander, Roseanne CAD: Update design drawings for J. DeSonier	05/20/2021	3.30	68.00	224.40
60027 - De Sonier, James Design Update Meeting	04/26/2021	1.00	74.00	74.00
60027 - De Sonier, James Equipment List/Drawings	04/27/2021	1.00	74.00	74.00
60027 - De Sonier, James Equipment List/Drawings	04/28/2021	0.50	74.00	37.00
60027 - De Sonier, James Equipment List/Drawings	04/29/2021	0.50	74.00	37.00
60027 - De Sonier, James Equipment List/Drawings	04/30/2021	1.00	74.00	74.00
60027 - De Sonier, James	05/03/2021	2.00	74.00	148.00

Meetings, Design Drawings, Equipment List				
60027 - De Sonier, James	05/04/2021	2.50	74.00	185.00
Meetings, Design Drawings, Equipment List				
60027 - De Sonier, James	05/05/2021	3.00	74.00	222.00
Meetings, Design Drawings, Equipment List				
60027 - De Sonier, James	05/06/2021	1.00	74.00	74.00
Meetings, Design Drawings, Equipment List				
60027 - De Sonier, James	05/07/2021	1.50	74.00	111.00
Meetings, Design Drawings, Equipment List				
37889 - Sidoti, John	05/03/2021	0.50	148.00	74.00
team design update meeting				
37889 - Sidoti, John	05/06/2021	0.50	148.00	74.00
client review submittal prep/coord				
35562 - Fuller, Andrew	04/28/2021	1.50	136.00	204.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	04/29/2021	1.00	136.00	136.00
TWA, procurement, planning, design review				
35562 - Fuller, Andrew	05/05/2021	1.00	136.00	136.00
System design, permitting, contractor coord'n				
35562 - Fuller, Andrew	05/06/2021	2.00	136.00	272.00
System design, permitting, contractor coord'n				
35562 - Fuller, Andrew	05/07/2021	2.00	136.00	272.00
System design, permitting, contractor coord'n				
38481 - Sanchez, Adriana	04/27/2021	1.00	113.00	113.00
Project Call				
38481 - Sanchez, Adriana	05/03/2021	1.00	113.00	113.00
Design revision				
38481 - Sanchez, Adriana	05/06/2021	1.00	113.00	113.00
Design revision				
38481 - Sanchez, Adriana	05/07/2021	1.00	113.00	113.00
Design revision				
38481 - Sanchez, Adriana	05/10/2021	1.00	113.00	113.00
Design revision				
35368 - Catchpole, Daniel	05/03/2021	0.50	93.00	46.50
Elec Drawings				
35368 - Catchpole, Daniel	05/06/2021	0.50	93.00	46.50
Elec Drawings				
35368 - Catchpole, Daniel	05/07/2021	1.00	93.00	93.00
Elec Drawings				

42.30

3,825.40
Total Labor

3,825.40 USD
Total This Task

3,825.40 USD

Project

30015927 - MD001134.0001-
JCPL/BOONTON, NEW JERSEY

Task

00016 - Permitting an Compliance

Contract Line

21 - MD001134.0001/00016

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
62553 - Jones Jackson, Legenetta project support	05/19/2021	0.70	54.00	37.80
36998 - Zielinski, Shelby check request	05/11/2021	0.30	54.00	16.20
60027 - De Sonier, James Meeting to discuss TWA Permit. Communication w NJDEP on TWA Permit	04/26/2021	1.00	74.00	74.00
60027 - De Sonier, James TWA Permit Text. Communication w NJDEP on TWA Permit	04/27/2021	1.00	74.00	74.00
60027 - De Sonier, James TWA Permit Text. Communication w NJDEP on TWA Permit	04/28/2021	1.00	74.00	74.00
60027 - De Sonier, James TWA Permit Text.	04/29/2021	1.50	74.00	111.00
60027 - De Sonier, James Meeting to discuss ESCP Drawings. Meeting to discuss project status. Worked on ESCP Drawings	04/30/2021	3.50	74.00	259.00
60027 - De Sonier, James Meetings, ESCP Permit, TWA Permit	05/03/2021	1.50	74.00	111.00
60027 - De Sonier, James Meetings, ESCP Permit, TWA Permit	05/04/2021	2.00	74.00	148.00
60027 - De Sonier, James Meetings, ESCP Permit, TWA Permit	05/05/2021	3.00	74.00	222.00
60027 - De Sonier, James Meetings, ESCP Permit, TWA Permit	05/06/2021	2.00	74.00	148.00
60027 - De Sonier, James Meetings, ESCP Permit, TWA Permit	05/07/2021	1.50	74.00	111.00
23873 - Antczak, Bridget update air permit application	05/03/2021	0.50	131.00	65.50
23873 - Antczak, Bridget finalize air permit app and upload via dep online	05/17/2021	0.50	131.00	65.50
35671 - Maza, David coordinate video pipe inspection	05/20/2021	0.30	122.00	36.60
35671 - Maza, David coordinate video pipe inspection, permitting figures	05/21/2021	1.30	122.00	158.60
24518 - Cucchini, Jeremy TWA/SESCP/Wetland permitting support	04/26/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy drilling related site coordination and support	04/27/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy drilling related site coordination and support	04/28/2021	0.50	131.00	65.50
24518 - Cucchini, Jeremy drilling related site coordination and support	04/29/2021	0.50	131.00	65.50
24518 - Cucchini, Jeremy TWA/SESCP/Wetland permitting support	04/30/2021	0.50	131.00	65.50
24518 - Cucchini, Jeremy TWA/SESCP/Wetland permitting support	05/03/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy TWA/SESCP/Wetland permitting support	05/10/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy	05/14/2021	1.00	131.00	131.00

TWA/SESCP/air permitting support

24518 - Cuccuini, Jeremy	05/17/2021	1.00	131.00	131.00
TWA/SESCP/Wetland permitting support				

24518 - Cuccuini, Jeremy	05/20/2021	2.00	131.00	262.00
TWA support, signature forms and draft email package for Beckmeyer at Parsippany Sewer Authority				

<u>31.10</u>	<u>2,956.70</u>
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Total Labor	2,956.70 USD
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Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Memberships & Licenses Renewal				
86 FANNY ROAD	05/11/2021	05/11/2021	State Of New Jersey	8,588.80 ✓
Total Other Reimbursable Charges				<u>8,588.80 USD</u>
Total This Task				11,545.50 USD

Total This Project	<u>15,518.90 USD</u>
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Total This Invoice	<u>15,518.90 USD</u>
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Total This Invoice	<u>15,518.90 USD</u>
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**Table 1
Action Plan as of 15 June 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kaht, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2018	Submitted

**Table 1
Action Plan as of 15 June 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set at issued for Bid and Permit as of June 2021.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with permit application ongoing, and will be finalized/submitted once system design is finalized. SESP also initiated in April 2020, and will be submitted once system design is finalized (June 2021). NJPDES permit to be submitted in June 2021 pending signature by Parsippany Sewer Authority (currently with them), and Air permit submitted in May 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cuccuini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

Table 1
Action Plan as of 15 June 2021
Boonton, New Jersey, Former MGP Site

Groundwater Treatment System Recovery Well Installation	ARCADIS – Jeremy Cucchini, Dave Maza	7/30/21	Ongoing	Recovery wells RW-3, RW-6, RW-7 and RW-8 installed in April/May 2021. Remaining recovery wells RW-2, RW-4 and RW-5 to be installed in mid-June 2021 pending receipt of stainless steel well materials (on order).
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ARCADIS

JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2020				2021				2022				2023				2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Boonton, NJ Former MGP Site Remediation	Fri 1/10/03	Fri 1/31/26	[Gantt bar spanning from 1/10/03 to 1/31/26]																			
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18	[Gantt bar spanning from 8/28/09 to 6/15/18]																			
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18	[Gantt bar spanning from 8/28/09 to 6/15/18]																			
29	Groundwater RAWP Implementation	Thu 1/9/20	Wed 2/8/23	[Gantt bar spanning from 1/9/20 to 2/8/23]																			
30	Pre-Design Investigation	Thu 1/9/20	Wed 9/30/20	[Gantt bar spanning from 1/9/20 to 9/30/20]																			
31	Design Process	Thu 10/1/20	Wed 3/17/21	[Gantt bar spanning from 10/1/20 to 3/17/21]																			
32	Procurement	Thu 3/18/21	Wed 6/16/21	[Gantt bar spanning from 3/18/21 to 6/16/21]																			
40	Implementation	Thu 6/17/21	Wed 9/22/21	[Gantt bar spanning from 6/17/21 to 9/22/21]																			
44	Post Remedial Action Activities	Thu 9/23/21	Wed 2/8/23	[Gantt bar spanning from 9/23/21 to 2/8/23]																			
54	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Tue 9/7/21	[Gantt bar spanning from 1/9/17 to 9/7/21]																			
55	Conceptual Design	Mon 1/9/17	Tue 9/7/21	[Gantt bar spanning from 1/9/17 to 9/7/21]																			
60	Supplemental Soil RAWP Preparation	Mon 9/20/21	Fri 4/8/22	[Gantt bar spanning from 9/20/21 to 4/8/22]																			
61	RAWP Preparation	Mon 9/20/21	Fri 4/8/22	[Gantt bar spanning from 9/20/21 to 4/8/22]																			
71	Supplemental Soil RAWP Implementation	Mon 9/13/21	Fri 1/20/23	[Gantt bar spanning from 9/13/21 to 1/20/23]																			
72	Procurement	Mon 4/11/22	Fri 7/22/22	[Gantt bar spanning from 4/11/22 to 7/22/22]																			
77	Implementation	Mon 9/13/21	Fri 11/4/22	[Gantt bar spanning from 9/13/21 to 11/4/22]																			
83	Post Remedial Action Activities	Mon 4/4/22	Fri 1/20/23	[Gantt bar spanning from 4/4/22 to 1/20/23]																			
92	Groundwater OM&M	Mon 10/4/21	Fri 1/31/25	[Gantt bar spanning from 10/4/21 to 1/31/25]																			

Project: Boonton
Date: Thu 4/8/21

Task		External MileTask		Manual Summary Rollup	
Split		Inactive Task		Manual Summary	
Milestone		Inactive Milestone		Start-only	
Summary		Inactive Summary		Finish-only	
Project Summary		Manual Task		Progress	
External Tasks		Duration-only		Split	

Table 2
Budget Status for Site Remediation through 23 May 2021
 Raritan River MGP Site
 Edison, New Jersey
 Purchase Order No. 55115485

TABLE NO.	DESCRIPTION	ORIGINAL TASK BUDGET ¹	CURRENT TASK BUDGET	CURRENT FUNDICE AMOUNT	CUT OF SCOPE WORK THIS PERIOD ²	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
Phase 1, Site Remediation									
1	Annual Progress Reporting, including CEA Proposal	11,470	11,470	0	0	12,079	12,079	(609)	105%
2	Updates to Groundwater Modeling	28,212	29,312	0	0	28,291	28,291	21	100%
3	Preparation of RAMP Acknowledges	23,238	78,793	0	0	78,725	78,725	67	100%
4	Project Management	7,572	147,030	0	0	148,164	148,164	(1,132)	107%
5	ISRP Services	53,000	47,950	544	0	48,458	48,033	1,547	97%
6	Soil Definition Evaluation	3,894	9,266	0	0	9,468	9,468	(1,414)	107%
7	Access Negotiations and Soil Sampling	47,947	83,824	0	0	84,819	84,819	1,111	99%
8	Supplemental Remedial Investigation Report	16,657	61,793	0	0	64,435	64,435	(2,643)	104%
9	Access Coordination	8,800	8,960	0	0	7,929	7,928	(98)	114%
10	Groundwater Sampling	42,520	43,370	0	0	46,139	46,138	172	102%
11	Surface Water and Sediment Sampling	23,710	41,660	0	0	29,344	29,344	18,696	59%
12	Data Evaluation and Reporting	10,880	10,860	0	0	11,451	11,451	(481)	104%
13	PDR Permit Evaluation, Remedial Resource, Data Evaluation	38,240	31,340	0	0	36,972	36,972	(8,232)	117%
14	Pre-Design Investigation	297,560	493,180	148	0	501,246	501,252	(2,172)	103%
15	Groundwater Containment System Design	86,760	191,073	3,828	0	198,128	158,953	(2,880)	102%
16	Permitting and Compliance	37,342	78,874	11,646	0	48,716	55,256	29,310	72%
	TOTALS (3)	472,614	1,305,846	10,063	0	1,304,168	1,320,209	14,820	99%

Notes:

- Work authorized by Purchase Order Number 55115485 dated 10/21/12 in accordance with the AECOM Proposal dated 5/31/11
- Task 8 authorized by written notice as issued by KPMG dated 5/28/13.
- Task 7 and 8 authorized by change order #1, dated 5/25/13, to purchase order 55115485 in accordance with the AECOM proposal dated 8/13/13.
- Updates to compensation in the amount of \$15,064 added to project budget per the AECOM proposal dated 2/2/15, and approved by KPMG on 2/2/15.
- Updates to compensation in the amount of \$15,035 added to project budget per the AECOM proposal dated 5/12/15, and approved by KPMG Change Order #7 on 5/25/15.
- Updates to compensation in the amount of \$82,434 added to project budget per the AECOM proposal dated 3/17/15, and approved by KPMG Change Order #8 on 3/17/15.
- Updates to compensation in the amount of \$98,430 added to project budget per the AECOM proposal dated 7/17/2018 and approved by KPMG Change Order #9 on 7/17/2018.
- Updates to compensation in the amount of \$15,000 added to project budget per the AECOM proposal dated 8/12/2017 and approved by KPMG Change Order #10 on 12/22/2017.
- Updates to compensation in the amount of \$51,140 added to project budget per the AECOM proposal dated 8/12/2018 and approved by KPMG Change Order #11 on 4/24/19.
- Updates to compensation in the amount of \$10,812 added to project budget per the AECOM proposal dated 8/12/2018 and approved by KPMG Change Order #12 on 8/12/18.
- Updates to compensation in the amount of \$22,640 added to project budget per the AECOM proposal dated 3/12/2019 and approved by KPMG Change Order #13 on 3/12/2019.
- Updates to compensation in the amount of \$135,150 added to project budget per the AECOM proposal dated 10/15/2018 and approved by KPMG Change Order #14 on 10/15/2018.
- Updates to compensation in the amount of \$58,442 added to project budget per the AECOM proposal dated 2/13/20 and approved by KPMG Change Order #15 on 3/23/20.
- Updates to compensation in the amount of \$28,382 added to project budget per the AECOM proposal dated 4/2/20 and approved by KPMG Change Order #16 on 4/23/20.
- Updates to compensation in the amount of \$81,952 added to project budget per the AECOM proposal dated 5/11/21 and approved by KPMG Change Order #17 on 10/27/21.
- Updates to compensation in the amount of \$29,222 added to project budget per the AECOM proposal dated 11/26/20 and approved by KPMG Change Order #18 on 12/9/20.

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Subject:
Monthly Progress Report (MPR) – May 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 26 April 2021 and ending 23 May 2021. This report is compliant with the requirements of Purchase Order Number 55115885 and 55130412 between JCP&L and Arcadis, and pursuant to the specified Scope of Work.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Continuation of design related tasks associated with the proposed groundwater containment system, including finalization of the treatment system design drawings and specifications to be issued for bid.
- Ongoing support with NJPDES discharge permitting (TWA), air permitting preparation and soil Erosion and Sediment Control (SESC) permit. Process NJDEP TWA permit fee of \$8,588.40.

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

ENVIRONMENT

Date:
9 June 2021

Contact:
Jeremy Cuccuini

Phone:
609.366.9033

Email:
Jeremy.cuccuini@arcadis-us.com

Our ref:
MD001134.0001/30008
3906

- Ongoing procurement assistance associated with pending groundwater treatment system bid package submittal, including specifications, instruction to bidders, letter of intent communications and the RFP package.
- Installation of on and offsite recovery wells RW-3, RW-6, RW-7 and RW-8. Process drilling subcontractor and rental equipment invoicing.

The most recent MPR for March 2021 was submitted on 23 April 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 July 2021.

Section 3: Action Plan

Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 June 2021 through 15 August 2021).

The overall project budget for the current phases of work under PO 55115885 including Phase 14 (Pre-Design Investigation), Phase 15 Groundwater Containment System Design and Phase 16 Permitting and Compliance is shown on Table 2. The overall project budget for the current phases of work under PO 55130412 including Task 1 Project Management, Task 2 Procurement Assistance and Task 3 Recovery and Performance Monitoring Well Recovery, is shown on Table 3. Table 2 and Table 3 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cuccuini
Certified Project Manager

Copies:

D. Scillieri, Arcadis

D. Maza, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 6/14/21

Invoice Date	14-Jun-2021	Invoice Number	34238255
Due Date	29-Jul-2021	Payment Term	45 days
PO# 55115885			
Arcadis Reference Number	MD001134.0001	Project Number	30015927
Arcadis Reference Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY	Project Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY
Services Through	23-May-2021	Project Manager	Jeremy Cucchini
		Client Contact	Jennifer Rusu

Professional Services to 23-May-2021

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00005 - LSRP Services	6 - MD001134.0001/00005

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Thompson, David	4.00	Hours	136.00 ✓	544.00

SFS # 1122220269 Fax # 38047695

Total This Task	APPROVAL STAMP		544.00 USD
Total This Project	P.O. NO. <u>55115885/2</u> INV. NO. <u>34238255</u>		544.00 USD
Total This Invoice	COMPANY CODE.: SCOO COST CENTER _____ COST ELEMENT (GL ACCT.): <u>550300</u>		544.00 USD
	ORDER: <u>3001017</u> WBS: _____		
	APPROVED BY: _____ EMP. NO.: _____		
	<i>J. Rusu C10093 6/28/21</i>	Total This Invoice	544.00 USD

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N

Remittance Address: Remit-Mailbox@arcadis-us.com
 Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.

Transaction Details - Invoice Number 34238255

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00005 - LSRP Services	6 - MD001134.0001/00005

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35155 - Thompson, David Weekly status call and follow-up	05/05/2021	1.00	136.00	136.00
35155 - Thompson, David Weekly status call and follow-up	05/12/2021	1.00	136.00	136.00
35155 - Thompson, David Weekly status call	05/19/2021	1.00	136.00	136.00
35155 - Thompson, David Review RFS and cost estimate. New remediation standards	05/21/2021	1.00	136.00	136.00
		4.00		544.00
Total Labor				544.00 USD
Total This Task				544.00 USD
Total This Project				544.00 USD
Total This Invoice				544.00 USD
			Total This Invoice	544.00 USD

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

Subject:
Monthly Progress Report (MPR) LSRP Services –May 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

ENVIRONMENT

Dear Ms. Rusu:

Date:
9 June 2021

The following summarizes Licensed Site Remediation Professional (LSRP) related project activities performed by Arcadis for the above referenced site during the billing period beginning 26 April 2021 and ending 23 May 2021.

Contact:
Jeremy Cuccuini

Section 1: Work Performed

Phone:
609.366.9033

The following work was performed during the period under Purchase Order Number 55115885:

Email:
Jeremy.cuccuini@arcadis-us.com

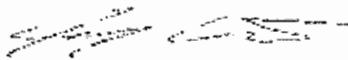
- LSRP time for project team calls and general team/project communication. Provide assistance with annual Remediation Funding Source (RFS) filings and correspondence.

Our ref:
MD001134.0001

If you have any questions about this report, please do not hesitate to contact the undersigned.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cuccuini
Project Manager

Copies:
D. Scillieri, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 7/15/21

Invoice Date	15-Jul-2021	Invoice Number	34244159
Due Date	29-Aug-2021	Payment Term	45 days
PO# 55115885			
Arcadis Reference Number	MD001134.0001	Project Number	30015927
Arcadis Reference Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY	Project Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY
Services Through	20-Jun-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 20-Jun-2021

Project	Task	Contract Line	
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00014 - Pre-Design Investigation	15 - MD001134.0001/00014	
Other Reimbursable Charges			85.25
Total This Task			85.25 USD

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00015 - GW Containment System Design	20 - MD001134.0001/00015

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Rivera, Victoria	0.50	Hours	54.00 ✓	27.00
Oberlander, Roseanne	4.80	Hours	68.00 ✓	326.40
Sidoti, John	1.50	Hours	148.00 ✓	222.00

approval stamp on next page

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N
Remittance Address: Remit-Mailbox@arcadis-us.com			
Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.			

Pyle, Matthew	8.50	Hours	63.00 ✓	535.50
	<u>15.30</u>			<u>1,110.90</u>
Other Reimbursable Charges				126.95
Total This Task				1,237.85 USD

Project 30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY
Task 00016 - Permitting an Compliance
Contract Line 21 - MD001134.0001/00016

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Jones Jackson, Legenetta	3.00	Hours	54.00 ✓	162.00
Santos, Leonela	1.40	Hours	54.00 ✓	75.60
De Sonier, James	9.00	Hours	74.00 ✓	666.00
Fuller, Andrew	7.00	Hours	136.00 ✓	952.00
Wollman, William	2.00	Hours	100.00 ✓	200.00
Sanchez, Adriana	3.50	Hours	113.00 ✓	395.50
Fatto, Tracey	0.50	Hours	68.00 ✓	34.00
Gerdeman, David	4.50	Hours	148.00 ✓	666.00
Maza, David	2.60	Hours	122.00 ✓	317.20
Cuccuini, Jeremy	13.00	Hours	131.00 ✓	1,703.00
	<u>46.50</u>			<u>5,171.30</u>

Subcontracting		1,551.50
Reimbursable Expenses		172.92
Other Reimbursable Charges		817.33
Total This Task		7,713.05 USD
Total This Project		9,036.15 USD
Total This Invoice		9,036.15 USD

SES# 112 2471821 Fax# 38045637

APPROVAL STAMP

P.O. NO. 55130412/1 INV. NO. 34244159

COMPANY CODE.: SCOO COST CENTER _____

COST ELEMENT (GL ACCT.): 65D300

ORDER: 3001017 WBS: _____

APPROVED BY: _____ EMP. NO.: _____

J. Rusu C10093 8/17/21

Total This Invoice 9,036.15 USD

Transaction Details - Invoice Number 34244159

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00014 - Pre-Design Investigation	15 - MD001134.0001/00014

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Printing & Office Supplies				
24826EW	06/15/2021	06/15/2021	Triangle Copy	37.32 ✓
24853EW	06/11/2021	06/11/2021	Triangle Copy	47.93 ✓
Total Other Reimbursable Charges				85.25 USD
Total This Task				85.25 USD

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00015 - GW Containment System Design	20 - MD001134.0001/00015

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
60092 - Rivera, Victoria Ordered large drawing prints	06/01/2021	0.50	54.00	27.00
38225 - Oberlander, Roseanne CAD: Lagoon figure for J. Barker/M. Maki	05/28/2021	2.30	68.00	156.40
38225 - Oberlander, Roseanne CAD: Update SESC drawings for A. Fuller & K. Mastrocola	06/07/2021	1.50	68.00	102.00
38225 - Oberlander, Roseanne CAD: Update SESC drawings for A. Fuller & K. Mastrocola	06/08/2021	1.00	68.00	68.00
37889 - Sidoti, John elect bid drawing set; elect permit drawing set	05/31/2021	1.00	148.00	148.00
37889 - Sidoti, John elect permit drawing set	06/02/2021	0.50	148.00	74.00
64326 - Pyle, Matthew JCP&L Electrical revisions	05/27/2021	4.00	63.00	252.00
64326 - Pyle, Matthew JCP&L Electrical revisions	05/28/2021	2.00	63.00	126.00
64326 - Pyle, Matthew JCP&L Electrical	06/01/2021	2.50	63.00	157.50
			15.30	1,110.90
Total Labor				1,110.90 USD

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Memberships & Licenses Renewal				
1400-10-0003.2,	06/01/2021	05/17/2021	County of Morris	100.00 ✓

LUP210001

Postage / Shipping Charges

2021_22	06/04/2021	06/04/2021	Fedex ERS	16.30 ✓
2021_23	06/11/2021	06/11/2021	Fedex ERS	10.65 ✓

Total Other Reimbursable Charges 126.95 USD

Total This Task 1,237.85 USD

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00016 - Permitting an Compliance	21 - MD001134.0001/00016

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
62553 - Jones Jackson, Legenetta project support	05/24/2021	1.00	54.00	54.00
62553 - Jones Jackson, Legenetta project support	05/25/2021	1.00	54.00	54.00
62553 - Jones Jackson, Legenetta project support	06/14/2021	1.00	54.00	54.00
37350 - Santos, Leonela permit recording support	05/27/2021	0.70	54.00	37.80
37350 - Santos, Leonela Permit Submittal Support	06/09/2021	0.70	54.00	37.80
60027 - De Sonier, James Sharepoint creation	06/15/2021	1.00	74.00	74.00
60027 - De Sonier, James TWA Permit forms/meetings	06/17/2021	3.00	74.00	222.00
60027 - De Sonier, James TWA Permit forms/meetings	06/18/2021	5.00	74.00	370.00
35562 - Fuller, Andrew TWA, SESC prep	06/16/2021	0.50	136.00	68.00
35562 - Fuller, Andrew TWA, SESC prep	06/17/2021	2.00	136.00	272.00
35562 - Fuller, Andrew TWA, SESC prep	06/18/2021	4.50	136.00	612.00
36946 - Wollman, William permit recording	05/26/2021	2.00	100.00	200.00
38481 - Sanchez, Adriana TWA - engineer's	06/18/2021	3.50	113.00	395.50
38442 - Fatto, Tracey CAD - Proposed Treatment Plant and Site Loc maps (D.Maza)	05/24/2021	0.50	68.00	34.00
23967 - Gerdeman, David drawing set review	05/25/2021	2.00	148.00	296.00
23967 - Gerdeman, David order IFP plots	06/02/2021	0.50	148.00	74.00

23967 - Gerdeman, David pick up, seal and ship IFP plots	06/03/2021	2.00	148.00	296.00
35671 - Maza, David figures for client, call with Raleigh re: video pipe inspection	05/24/2021	0.50	122.00	61.00
35671 - Maza, David review/file discharge pipe video logging reports, related communications, call with GPRS	05/25/2021	0.80	122.00	97.60
35671 - Maza, David calls with GPRS, call with PM	05/26/2021	0.80	122.00	97.60
35671 - Maza, David communications re: pipe inspection, coordinate jetting	05/27/2021	0.50	122.00	61.00
24518 - Cuccuini, Jeremy TWA support, support with Joe Beckmeyer at Parsippany Sewer Authority	05/26/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy TWA support, support with Joe Beckmeyer at Parsippany Sewer Authority	05/27/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy SESCP/TWA support	06/01/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy TWA support and response to Joe at Parsippany regarding TWA permit signature	06/03/2021	1.50	131.00	196.50
24518 - Cuccuini, Jeremy TWA support, contacts with Joe at Parsippany on follow-up signatures	06/07/2021	1.50	131.00	196.50
24518 - Cuccuini, Jeremy SESCP/TWA support	06/08/2021	1.50	131.00	196.50
24518 - Cuccuini, Jeremy SESCP distribution of forms for external signature and follow-up	06/10/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy TWA support and follow-up on signatures	06/14/2021	1.50	131.00	196.50
24518 - Cuccuini, Jeremy SESCP/TWA support	06/15/2021	1.50	131.00	196.50
24518 - Cuccuini, Jeremy SESCP out the door and TWA follow up	06/17/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy TWA out the door, team follow-up	06/18/2021	1.00	131.00	131.00

46.50

5,171.30
Total Labor

5,171.30 USD
Subcontracting

Invoice Number	Invoice Date	Supplier Name	Cost	Times	This Invoice
Subcontractor 1					
393803	05/24/2021	Ground Penetrating Radar Systems, LLC	1,450.00	1.0700	1,551.50

Total Subcontracting

1,551.50 USD
Reimbursable Expenses

Expense Report Number	Report Date	Employee/Description	This Invoice
Printing & Office Supplies			
US003914631002	06/03/2021	Gerdeman, David/Miscellaneous-Printing	172.92

Total Reimbursable Expenses

172.92 USD

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Memberships & Licenses Renewal				
FANNY ROAD	06/03/2021	06/03/2021	Morris County Soil Conservation District	725.00 ✓
Postage / Shipping Charges				
2021_21	05/29/2021	05/29/2021	Fedex ERS	14.71 ✓
2021_22	06/04/2021	06/04/2021	Fedex ERS	61.32 ✓
2021_23	06/11/2021	06/11/2021	Fedex ERS	16.30 ✓
Total Other Reimbursable Charges				817.33 USD
Total This Task				7,713.05 USD
Total This Project				9,036.15 USD
Total This Invoice				9,036.15 USD
Total This Invoice				9,036.15 USD

**Table 1
Action Plan as of 15 July 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Sternpowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2018	Submitted

**Table 1
Action Plan as of 15 July 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set issued for Bid and Permit as of June 2021.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with approved permit received in June 2021. SESCO submitted in June 2021. NJPDES TWA submitted in June 2021. Air permit submitted in May 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cuccuini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

Table 1
Action Plan as of 15 July 2021
Boonton, New Jersey, Former MGP Site

Groundwater Treatment System Recovery Well Installation	ARCADIS – Jeremy Cucchini, Dave Maza	7/30/21	Ongoing	Recovery wells RW-3, RW-6, RW-7 and RW-8 installed in April/May 2021. Remaining recovery wells RW-2, RW-4 and RW-5 to be installed in mid-July 2021 pending receipt of stainless steel well materials (on order).
---	--------------------------------------	---------	---------	---

ARCADIS

JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2020				2021				2022				2023				2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Boonton, NJ Former MGP Site Remediation	Fri 1/10/03	Fri 1/31/25																				
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18																				
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18																				
29	Groundwater RAWP Implementation	Thu 1/9/20	Wed 2/8/23																				
30	Pre-Design Investigation	Thu 1/9/20	Wed 9/30/20																				
31	Design Process	Thu 10/1/20	Wed 3/17/21																				
32	Procurement	Thu 3/18/21	Wed 8/18/21																				
40	Implementation	Thu 6/17/21	Wed 9/22/21																				
44	Post Remedial Action Activities	Thu 9/23/21	Wed 2/8/23																				
54	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
55	Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
60	Supplemental Soil RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
61	RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
71	Supplemental Soil RAWP Implementation	Mon 9/13/21	Fri 1/20/23																				
72	Procurement	Mon 4/11/22	Fri 7/22/22																				
77	Implementation	Mon 9/13/21	Fri 11/4/22																				
83	Post Remedial Action Activities	Mon 4/4/22	Fri 1/20/23																				
92	Groundwater OM&M	Mon 10/4/21	Fri 1/31/25																				

Project: Boonton Date: Thu 4/8/21	Task		External MileTask		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Progress	
	External Tasks		Duration-only		Split	

Table 2
Budget Status for Site Remediation through 30 June 2021
Boonton Farmer MGP Site
Boonton, New Jersey
Purchase Order No. 55115865

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET ¹	CURRENT TASK BUDGET	CURRENT INVOICE AMOUNT	CUT OFF SCOPE WORK TIME PERIOD ²	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
Phase 1, Site Remediation									
1	Annual Progress Reporting, Including CEA Proposal	11,470	11,470	0	0	12,679	12,679	(609)	105%
2	Updates to Groundwater Modeling	28,212	28,212	0	0	28,291	28,291	79	102%
3	Preparation of RAWP Addendum	23,328	20,723	0	0	78,726	79,726	67	102%
4	Project Management	7,272	147,636	0	0	148,164	148,164	(1,468)	101%
5	LEAP Services	13,500	47,356	870	0	49,005	49,833	717	98%
6	Soil Characterization Evaluations	5,084	5,084	0	0	9,484	9,484	(4,400)	107%
7	Access Negotiations and Soil Sampling	47,548	35,034	0	0	94,919	94,919	1,115	99%
8	Supplemental Remedial Investigation Report	16,657	81,762	0	0	64,485	64,485	(2,649)	104%
9	Access Coordination	8,269	8,269	0	0	7,891	7,598	300	114%
10	Groundwater Sampling	42,029	48,370	0	0	48,196	48,196	172	100%
11	Surface Water and Sediment Sampling	23,710	41,940	0	0	23,344	23,344	16,995	56%
12	Data Evaluation and Reporting	10,080	10,080	0	0	11,481	11,481	(1,401)	104%
13	FDI Permit Evaluation, Recharacterization, Data Evaluation	31,240	21,240	0	0	38,372	38,372	(5,322)	117%
14	Pre-Design Investigation	297,049	497,183	89	0	999,352	999,352	(8,297)	102%
15	Groundwater Containment System Design	58,700	151,073	1,338	0	151,908	152,191	(6,116)	103%
16	Permitting and Compliance	37,342	74,574	7,713	0	55,265	47,978	13,599	82%
TOTALS (\$)		672,614	1,336,048	8,600	0	1,320,228	1,330,804	4,654	100%

Notes

1. Work authorized by Purchase Order Number 55115865 dated 10/18/12 in accordance with the Arcadis Proposal dated 5/11/12.
2. Task 6 Anticipated by written notice to proceed by KPBA, dated 5/27/13.
3. Task 7 and 8 authorized by change order #2, dated 9/21/15, to purchase order 55115865 in accordance with the Arcadis proposal dated 9/22/13.
4. Updates to compensation in the amount of \$50,000 added to project budget per the Arcadis proposal dated 2/2/15, and approved by KPBA on 3/2/15.
5. Updates to compensation in the amount of \$70,015 added to project budget per the Arcadis proposal dated 9/17/15, and approved by KPBA Change Order #7 on 9/25/15.
6. Updates to compensation in the amount of \$61,114 added to project budget per the Arcadis proposal dated 2/9/16, and approved by KPBA Change Order #8 on 2/16/16.
7. Updates to compensation in the amount of \$48,000 added to project budget per the Arcadis proposal dated 1/29/16 and approved by KPBA Change Order #9 on 4/5/16.
8. Updates to compensation in the amount of \$77,000 added to project budget per the Arcadis proposal dated 6/16/17 and approved by KPBA Change Order #10 on 6/30/17.
9. Updates to compensation in the amount of \$11,340 added to project budget per the Arcadis proposal dated 4/11/2018 and approved by KPBA Change Order #11 on 6/24/18.
10. Updates to compensation in the amount of \$30,850 added to project budget per the Arcadis proposal dated 6/14/2018 and approved by KPBA Change Order #12 on 8/6/18.
11. Updates to compensation in the amount of \$197,640 added to project budget per the Arcadis proposal dated 2/11/2019 and approved by KPBA Change Order #13 on 3/20/19.
12. Updates to compensation in the amount of \$738,190 added to project budget per the Arcadis proposal dated 10/15/2019 and approved by KPBA Change Order #14 on 10/13/2019.
13. Updates to compensation in the amount of \$54,846 added to project budget per the Arcadis proposal dated 3/11/20 and approved by KPBA Change Order #15 on 3/23/20.
14. Updates to compensation in the amount of \$18,360 added to project budget per the Arcadis proposal dated 4/9/20 and approved by KPBA Change Order #16 on 4/13/20.
15. Updates to compensation in the amount of \$82,750 added to project budget per the Arcadis proposal dated 9/21/20 and approved by KPBA Change Order #17 on 10/2/20.
16. Updates to compensation in the amount of \$19,137 added to project budget per the Arcadis proposal dated 12/29/20 and approved by KPBA Change Order #18 on 12/29/20.

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Subject:
Monthly Progress Report (MPR) – June 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 24 May 2021 and ending 20 June 2021. This report is compliant with the requirements of Purchase Order Number 55115885 and 55130412 between JCP&L and Arcadis, and pursuant to the specified Scope of Work.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Finalization and reproduction of design related tasks associated with the proposed groundwater containment system, including finalization of the treatment system design drawings and specifications to be issued for bid.
- Ongoing support with NJPDES discharge permitting (TWA), air permitting preparation and soil Erosion and Sediment Control (SESC) permit. Coordinate signatures and submittal of TWA and SESCP permits. Record NJDEP wetland permit.
- Process subcontractor invoicing for storm sewer video survey per Parsippany Sewer Department request.

The following work was performed during the period under Purchase Order Number 55115885:

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

ENVIRONMENT

Date:
12 July 2021

Contact:
Jeremy Cuccuini

Phone:
609.366.9033

Email:
Jeremy.cuccuini@arcadis-us.com

Our ref:
MD001134.0001/30008
3906

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.
- Address 2020 access fee's for monitoring wells located on Jersey City Water Department property, and process annual \$500 fee.
- Ongoing procurement assistance associated with pending groundwater treatment system bid package submittal, including specifications, instruction to bidders, letter of intent communications and the RFP package. Submit DRAFT package to JCP&L Project Management for review, and upload. Prepare for contractor bid site walk.
- Ongoing installation of on and offsite recovery wells including RW-7. Planning and coordination for installation of recovery wells RW-2, RW-4 and RW-5, including well materials (stainless steel screens). Process drilling subcontractor, laboratory subcontractor and rental equipment invoicing.

The most recent MPR for April 2021 was submitted on 9 June 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 August 2021.

Section 3: Action Plan

Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 July 2021 through 15 September 2021).

The overall project budget for the current phases of work under PO 55115885 including Phase 14 (Pre-Design Investigation), Phase 15 Groundwater Containment System Design and Phase 16 Permitting and Compliance is shown on Table 2. The overall project budget for the current phases of work under PO 55130412 including Task 1 Project Management, Task 2 Procurement Assistance and Task 3 Recovery and Performance Monitoring Well Recovery, is shown on Table 3. Table 2 and Table 3 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.

Jeremy Cuccuini
Certified Project Manager

Copies:

D. Scillieri, Arcadis

D. Maza, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 7/15/21

Invoice Date	15-Jul-2021	Invoice Number	34244162
Due Date	29-Aug-2021	Payment Term	45 days
PO# 55130412			
Arcadis Reference Number	30083906	Project Number	30083906
Arcadis Reference Name	30083906 - JCPL Boonton	Project Name	30083906 - JCPL Boonton
Services Through	20-Jun-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 20-Jun-2021

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Jones Jackson, Legenetta	6.10	Hours	54.00 ✓	329.40
Zielinski, Shelby	0.70	Hours	54.00 ✓	37.80
Collins, Lisa	2.90	Hours	54.00 ✓	156.60
Santos, Leonela	1.20	Hours	54.00 ✓	64.80
Mack, David	0.50	Hours	136.00 ✓	68.00
Maza, David	1.20	Hours	122.00 ✓	146.40
Cuccuini, Jeremy	9.00	Hours	131.00 ✓	1,179.00

approval stamp on 3rd page

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026008593
Account No.	8188093937	SWIFT	BOFAUS3N
Remittance Address: Remit-Mailbox@arcadis-us.com			
Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.			

Scillieri, Darren	2.00	Hours	148.00	296.00
	23.60			2,278.00
Other Reimbursable Charges				518.92
Total This Task				2,796.92 USD

Project 30083906 - 30083906 - JCPL Boonton **Task** 00002 - Procurement Assistance **Contract Line** 2 - Task 00002

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Rivera, Victoria	2.30	Hours	54.00 ✓	124.20
De Sonier, James	12.50	Hours	74.00 ✓	925.00
Fuller, Andrew	28.00	Hours	136.00 ✓	3,808.00
Mastrocola, Krista	7.00	Hours	122.00 ✓	854.00
Maza, David	2.50	Hours	122.00 ✓	305.00
Cuccuini, Jeremy	11.00	Hours	131.00 ✓	1,441.00
Scillieri, Darren	1.00	Hours	148.00 ✓	148.00
	64.30			7,605.20
Other Reimbursable Charges				527.96
Total This Task				8,133.16 USD

Project 30083906 - 30083906 - JCPL Boonton **Task** 00003 - Recovery & Performance Monitoring Well Installation **Contract Line** 4 - Task 00003

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Kane, Raleigh	34.00	Hours	93.00 ✓	3,162.00
Maza, David	2.60	Hours	122.00 ✓	317.20
Cuccuini, Jeremy	2.50	Hours	131.00 ✓	327.50
	39.10			3,806.70
Subcontracting				99,600.36
Reimbursable Expenses				780.48
Other Reimbursable Charges				708.97
Total This Task				104,896.51 USD
Total This Project				115,826.59 USD

Total This Invoice

115,826.59 USD

Total This Invoice

115,826.59 USD

SIS # 1122435514 Fax # 38044678

APPROVAL STAMP	
P.O. NO. <u>55130412/1</u>	INV. NO. <u>34244162</u>
COMPANY CODE.: SCOO	COST CENTER _____
COST ELEMENT (GL ACCT.): <u>550300</u>	
ORDER: <u>3001017</u>	WBS: _____
APPROVED BY:	EMP. NO.:

J. L. ... C10093 8/10/21

Transaction Details - Invoice Number 34244162

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
62553 - Jones Jackson, Legenetta project support	05/24/2021	1.00	54.00	54.00
62553 - Jones Jackson, Legenetta project support	06/09/2021	0.30	54.00	16.20
62553 - Jones Jackson, Legenetta project support	06/09/2021	0.30	54.00	16.20
62553 - Jones Jackson, Legenetta project support	06/10/2021	2.00	54.00	108.00
62553 - Jones Jackson, Legenetta project support	06/10/2021	1.50	54.00	81.00
62553 - Jones Jackson, Legenetta project support	06/14/2021	1.00	54.00	54.00
36998 - Zielinski, Shelby print and send TWA Letters of Notice	06/01/2021	0.30	54.00	16.20
36998 - Zielinski, Shelby submit check request, mail NJDEP check to Newtown office	06/03/2021	0.40	54.00	21.60
23893 - Collins, Lisa edit comp and forecast	05/24/2021	1.50	54.00	81.00
23893 - Collins, Lisa project review	06/04/2021	0.40	54.00	21.60
23893 - Collins, Lisa edit rate schedule	06/07/2021	1.00	54.00	54.00
37350 - Santos, Leonela PA support	06/04/2021	0.60	54.00	32.40
37350 - Santos, Leonela PA support	06/09/2021	0.60	54.00	32.40
24724 - Mack, David ANA project reviews	06/14/2021	0.50	136.00	68.00
35671 - Maza, David evaluate new remediation standards, phase-in guidance, soil remediation strategy	05/28/2021	0.50	122.00	61.00
35671 - Maza, David pay Jersey City monitoring well license fee for 2020	06/10/2021	0.50	122.00	61.00
35671 - Maza, David communications re: Jersey City check request	06/11/2021	0.20	122.00	24.40
24518 - Cucchini, Jeremy April invoicing, budgeting/PM	05/24/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy weekly team meeting, coordination/PM	05/26/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy weekly team meeting, coordination/PM	06/02/2021	1.50	131.00	196.50

24518 - Cuccuini, Jeremy may invoicing and budgets	06/03/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy weekly team meeting, coordination/PM	06/09/2021	1.50	131.00	196.50
24518 - Cuccuini, Jeremy May monthly progress reporting, budget and schedule reviews	06/11/2021	1.50	131.00	196.50
24518 - Cuccuini, Jeremy weekly team meeting, coordination/PM	06/16/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy June accruals	06/18/2021	1.00	131.00	131.00
24363 - Scillieri, Darren project team meeting, project coordination	05/26/2021	0.50	148.00	74.00
24363 - Scillieri, Darren project team meeting, project coordination	06/02/2021	0.50	148.00	74.00
24363 - Scillieri, Darren project team meeting, project coordination	06/09/2021	0.50	148.00	74.00
24363 - Scillieri, Darren project team meeting, project coordination	06/16/2021	0.50	148.00	74.00

23.60

2,278.00
Total Labor

2,278.00 USD
Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Memberships & Licenses Renewal				
Well License Agreement Admin Fee 4/23/20	06/10/2021	06/10/2021	City of Jersey City, NJ - Treasurer	500.00 ✓
Postage / Shipping Charges				
2021_22	06/04/2021	06/04/2021	Fedex ERS	18.92 ✓
Total Other Reimbursable Charges				<hr/> 518.92 USD
Total This Task				<hr/> 2,796.92 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00002 - Procurement Assistance	2 - Task 00002

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
60092 - Rivera, Victoria Order/planned large drawing order - AGC	06/08/2021	1.50	54.00	81.00
60092 - Rivera, Victoria Prepared and sent out Boonton - Soil Erosion and Sediment Control Plan package	06/18/2021	0.80	54.00	43.20
60027 - De Sonier, James TWA figures and package	06/01/2021	2.00	74.00	148.00
60027 - De Sonier, James TWA figures and package	06/02/2021	3.00	74.00	222.00
60027 - De Sonier, James TWA figures and package	06/03/2021	1.50	74.00	111.00
60027 - De Sonier, James	06/04/2021	3.00	74.00	222.00

TWA figures and package. Meetings

60027 - De Sonier, James Emails and review drawings	06/07/2021	1.00	74.00	74.00
60027 - De Sonier, James Sharepoint site creation	06/08/2021	1.50	74.00	111.00
60027 - De Sonier, James Emails with support staff for sharepoint site troubleshooting	06/10/2021	0.50	74.00	37.00
35562 - Fuller, Andrew permitting, contractor RFP	05/24/2021	1.50	136.00	204.00
35562 - Fuller, Andrew permitting, contractor RFP	05/25/2021	2.50	136.00	340.00
35562 - Fuller, Andrew permitting, contractor RFP	05/26/2021	1.50	136.00	204.00
35562 - Fuller, Andrew permitting, contractor RFP	05/27/2021	2.00	136.00	272.00
35562 - Fuller, Andrew permitting, contractor RFP	05/28/2021	1.00	136.00	136.00
35562 - Fuller, Andrew permitting, contractor RFP	06/01/2021	3.00	136.00	408.00
35562 - Fuller, Andrew permitting, contractor RFP	06/02/2021	0.50	136.00	68.00
35562 - Fuller, Andrew permitting, contractor RFP	06/03/2021	2.00	136.00	272.00
35562 - Fuller, Andrew permitting, contractor RFP	06/04/2021	2.00	136.00	272.00
35562 - Fuller, Andrew permitting coord'n, contractor RFP	06/07/2021	2.00	136.00	272.00
35562 - Fuller, Andrew permitting coord'n, contractor RFP	06/08/2021	4.00	136.00	544.00
35562 - Fuller, Andrew permitting coord'n, contractor RFP	06/09/2021	3.00	136.00	408.00
35562 - Fuller, Andrew permitting coord'n, contractor RFP	06/10/2021	2.00	136.00	272.00
35562 - Fuller, Andrew bid walk prep	06/17/2021	0.50	136.00	68.00
35562 - Fuller, Andrew bid walk prep	06/18/2021	0.50	136.00	68.00
25081 - Mastrocola, Krista Preparation of Procurement Package - Technical Specifications and Civil Drawings	05/24/2021	1.00	122.00	122.00
25081 - Mastrocola, Krista Prepare/Finalize Procurement Package	06/01/2021	0.50	122.00	61.00
25081 - Mastrocola, Krista Prepare/Finalize Procurement Package	06/04/2021	0.50	122.00	61.00
25081 - Mastrocola, Krista Prepare/Finalize Procurement Package	06/07/2021	1.00	122.00	122.00
25081 - Mastrocola, Krista Prepare/Finalize Procurement Package	06/08/2021	1.00	122.00	122.00
25081 - Mastrocola, Krista Prepare/Finalize Procurement Package	06/10/2021	0.50	122.00	61.00
25081 - Mastrocola, Krista Finalize SESCO & TWA/Prepare for Site Walk	06/15/2021	0.50	122.00	61.00
25081 - Mastrocola, Krista	06/16/2021	0.50	122.00	61.00

Finalize SESCO & TWA/Prepare for Site Walk				
25081 - Mastrocola, Krista	06/17/2021	1.00	122.00	122.00
Finalize SESCO & TWA/Prepare for Site Walk				
25081 - Mastrocola, Krista	06/18/2021	0.50	122.00	61.00
Finalize SESCO & TWA/Prepare for Site Walk				
35671 - Maza, David	05/24/2021	1.00	122.00	122.00
procurement call, review bid forms and related communications				
35671 - Maza, David	05/26/2021	0.50	122.00	61.00
air monitoring costs				
35671 - Maza, David	06/04/2021	0.60	122.00	73.20
procurement call				
35671 - Maza, David	06/17/2021	0.40	122.00	48.80
pre-bid-walk call				
24518 - Cucuini, Jeremy	05/24/2021	1.00	131.00	131.00
RFP package, bid form and instructions to bidders edits and submittal to JCP&L Project Management				
24518 - Cucuini, Jeremy	05/25/2021	1.00	131.00	131.00
team follow-up on procurement schedule and next steps, air monitoring cost estimating				
24518 - Cucuini, Jeremy	06/01/2021	1.00	131.00	131.00
team follow-up on procurement schedule and next steps, instruction to bidders review/edits				
24518 - Cucuini, Jeremy	06/04/2021	1.00	131.00	131.00
final edits to RFP package, instruction to bidders, schedule updates and client transmittals				
24518 - Cucuini, Jeremy	06/07/2021	0.50	131.00	65.50
client follow-up on bid schedule, forms and property owner planning				
24518 - Cucuini, Jeremy	06/10/2021	1.00	131.00	131.00
bidder updates regarding RFP schedule				
24518 - Cucuini, Jeremy	06/14/2021	1.00	131.00	131.00
client follow-up on bid schedule, forms and property owner planning				
24518 - Cucuini, Jeremy	06/15/2021	1.00	131.00	131.00
Procurement related assistance, bid form review and meeting coordination/agenda				
24518 - Cucuini, Jeremy	06/16/2021	1.00	131.00	131.00
Procurement related assistance, bid form review and meeting coordination/agenda				
24518 - Cucuini, Jeremy	06/17/2021	1.00	131.00	131.00
bidder updates regarding RFP schedule and site walk, site walk prep and client contacts				
24518 - Cucuini, Jeremy	06/18/2021	1.50	131.00	196.50
bidder updates, bid walk agenda distribution and meeting prep				
24363 - Scillieri, Darren	05/28/2021	0.50	148.00	74.00
project coordination, team call re: recovery well install				
24363 - Scillieri, Darren	06/04/2021	0.50	148.00	74.00
project coordination, team call re: recovery well install				
		64.30		7,605.20
Total Labor				7,605.20 USD

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Printing & Office Supplies				
525054	06/09/2021	06/09/2021	Advanced Color Signs & Graphics	206.07 ✓
525055	06/09/2021	06/09/2021	Advanced Color Signs & Graphics	129.75 ✓
Tools & Equipment				
1817279	06/14/2021	06/14/2021	ARF Rental Services, Inc.	192.14 ✓

Total Other Reimbursable Charges

527.96 USD

Total This Task

8,133.16 USD

Project	Task	Contract Line
30083908 - 30083906 - JCPL Boonton	00003 - Recovery & Performance Monitoring Well Installation	4 - Task 00003

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
39026 - Kane, Raleigh Rig demob, IDW management and RW-7 well development	05/24/2021	9.50	93.00	883.50
39026 - Kane, Raleigh RW-7 well development	05/25/2021	9.50	93.00	883.50
39026 - Kane, Raleigh Empty and returned rental vehicle	05/26/2021	4.00	93.00	372.00
39026 - Kane, Raleigh Paperwork upload and expense report	05/27/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Visited site to confirm security of well materials staged at site	06/16/2021	3.00	93.00	279.00
35671 - Maza, David call with Raleigh re: well install and development	05/24/2021	0.20	122.00	24.40
35671 - Maza, David call with Raleigh, coordination with driller, review driller invoice	05/25/2021	0.60	122.00	73.20
35671 - Maza, David communications re: waste management	05/26/2021	0.20	122.00	24.40
35671 - Maza, David communications re: driller invoice	05/27/2021	0.30	122.00	36.60
35671 - Maza, David coordinate well install, call with SGS	06/08/2021	0.50	122.00	61.00
35671 - Maza, David coordinate well install, call with SGS	06/10/2021	0.50	122.00	61.00
35671 - Maza, David call with driller, well install coordination	06/17/2021	0.30	122.00	36.60
24518 - Cucchini, Jeremy field updates and support planning final 3 installs	05/27/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy drilling schedule updates	06/04/2021	0.50	131.00	65.50
24518 - Cucchini, Jeremy drilling schedule confirmations, update Onorati on drilling schedule	06/10/2021	0.50	131.00	65.50
24518 - Cucchini, Jeremy drilling schedule confirmations, update Onorati on drilling schedule	06/17/2021	0.50	131.00	65.50
		39.10		3,806.70

Total Labor

3,806.70 USD

Subcontracting

Invoice Number	Invoice Date	Supplier Name	Cost	Times	This Invoice
Subcontractor 1					
15114911	05/27/2021	SGS North America Inc.	92,085.25	1.0700	98,531.22

Subcontractor 10					
1050622	05/24/2021	Hampton-Clarke Inc	999.20	✓ 1.0700	1,069.14
Total Subcontracting					99,600.36 USD

Reimbursable Expenses

	Expense Report Number	Report Date	Employee/Description	This Invoice
Car Rental				
	US003896476383	05/26/2021	Kane, Raleigh/Enterprise rental from 5-14 to 5-26-2021	625.36 ✓
Food & Drinks				
	US003896476383	05/24/2021	Kane, Raleigh/Lunch	10.44 ✓
	US003896476383	05/25/2021	Kane, Raleigh/Lunch	15.44 ✓
Fuel				
	US003896476383	05/24/2021	Kane, Raleigh/Refueled rental vehicle	60.84 ✓
	US003896476383	05/26/2021	Kane, Raleigh/Refueled prior to returning rental	45.41 ✓
Public Transportation				
	US003896476383	05/26/2021	Kane, Raleigh/Uber taken from Enterprise back to my home after returning rental vehicle	22.99 ✓
Total Reimbursable Expenses				780.48 USD

Other Reimbursable Charges

	Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Company Vehicle Expense					
	US1-210040019	06/04/2021	06/04/2021	Pine Environmental Services LLC	6.20 ✓
Materials					
	US1-210040019	06/04/2021	06/04/2021	Pine Environmental Services LLC	53.35 ✓
Tools & Equipment					
	US1-210040011	05/25/2021	06/04/2021	Pine Environmental Services LLC	148.16 ✓
	US1-210040019	06/04/2021	06/04/2021	Pine Environmental Services LLC	501.26 ✓
Total Other Reimbursable Charges					708.97 USD

Total This Task **104,896.51 USD**

Total This Project **115,826.59 USD**

Total This Invoice **115,826.59 USD**

Total This Invoice **115,826.59 USD**

**Table 1
Action Plan as of 15 July 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2018 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2018. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2018	Submitted

**Table 1
Action Plan as of 15 July 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JGP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set at issued for Bid and Permit as of June 2021.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with approved permit received in June 2021. SESCO submitted in June 2021. NJPDES TWA submitted in June 2021. Air permit submitted in May 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cuccuini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

**Table 1
Action Plan as of 15 July 2021
Boonton, New Jersey, Former MGP Site**

Groundwater Treatment System Recovery Well Installation	ARCADIS – Jeremy Cucculini, Dave Maza	7/30/21	Ongoing	Recovery wells RW-3, RW-6, RW-7 and RW-8 installed in April/May 2021. Remaining recovery wells RW-2, RW-4 and RW-5 to be installed in mid-July 2021 pending receipt of stainless steel well materials (on order).
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ARCADIS

JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2020				2021				2022				2023				2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Boonton, NJ Former MGP Site Remediation	Fri 1/10/03	Fri 1/31/25	[Gantt bar spanning from 1/10/03 to 1/31/25]																			
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18	[Gantt bar spanning from 8/28/09 to 6/15/18]																			
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18	[Gantt bar spanning from 8/28/09 to 6/15/18]																			
29	Groundwater RAWP Implementation	Thu 1/9/20	Wed 2/8/23	[Gantt bar spanning from 1/9/20 to 2/8/23]																			
30	Pre-Design Investigation	Thu 1/9/20	Wed 9/30/20	[Gantt bar spanning from 1/9/20 to 9/30/20]																			
31	Design Process	Thu 10/1/20	Wed 3/17/21	[Gantt bar spanning from 10/1/20 to 3/17/21]																			
32	Procurement	Thu 3/18/21	Wed 6/16/21	[Gantt bar spanning from 3/18/21 to 6/16/21]																			
40	Implementation	Thu 6/17/21	Wed 8/22/21	[Gantt bar spanning from 6/17/21 to 8/22/21]																			
44	Post Remedial Action Activities	Thu 9/23/21	Wed 2/8/23	[Gantt bar spanning from 9/23/21 to 2/8/23]																			
54	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Tue 9/7/21	[Gantt bar spanning from 1/9/17 to 9/7/21]																			
55	Conceptual Design	Mon 1/9/17	Tue 9/7/21	[Gantt bar spanning from 1/9/17 to 9/7/21]																			
60	Supplemental Soil RAWP Preparation	Mon 9/20/21	Fri 4/8/22	[Gantt bar spanning from 9/20/21 to 4/8/22]																			
61	RAWP Preparation	Mon 9/20/21	Fri 4/8/22	[Gantt bar spanning from 9/20/21 to 4/8/22]																			
71	Supplemental Soil RAWP Implementation	Mon 9/13/21	Fri 1/20/23	[Gantt bar spanning from 9/13/21 to 1/20/23]																			
72	Procurement	Mon 4/11/22	Fri 7/22/22	[Gantt bar spanning from 4/11/22 to 7/22/22]																			
77	Implementation	Mon 9/13/21	Fri 11/4/22	[Gantt bar spanning from 9/13/21 to 11/4/22]																			
83	Post Remedial Action Activities	Mon 4/4/22	Fri 1/20/23	[Gantt bar spanning from 4/4/22 to 1/20/23]																			
92	Groundwater OM&M	Mon 10/4/21	Fri 1/31/25	[Gantt bar spanning from 10/4/21 to 1/31/25]																			

Project: Boonton Date: Thu 4/8/21	Task		External MileTask		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Progress	
	External Tasks		Duration-only		Split	

Table 3
Budget Status for Site Remediation through 20 June 2021
Boonton Former MGP Site
Boonton, New Jersey
Purchase Order No. 55130412

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET*	CURRENT TASK BUDGET	CURRENT INVOICE AMOUNT	OUT OF SCOPE WORK THIS PERIOD	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
<i>Phase 5, Site Remediation</i>									
1	Project Management	30,030	30,030	2,797	0	7,095	9,892	20,138	33%
2	Procurement Assistance	42,951	42,951	8,133	0	16,451	26,264	16,277	62%
3	Recovery and Performance Monitoring Well Installation	272,727	272,727	104,896	0	101,053	205,978	66,750	76%
TOTALS (\$):		345,628	345,628	115,826	0	126,629	242,455	103,173	70%

Notes:

1. Work authorized by Purchase Order Number 55130412 dated 2/16/21 in accordance with the Arcadis Proposal dated 2/16/2021.
2. Task 3 authorized for \$277,377 per Change Order #1 dated 4/22/2021 based on Arcadis proposal dated 2/16/2021.

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

Subject:
Monthly Progress Report (MPR) – June 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

ENVIRONMENT

Dear Ms. Rusu:

Date:
15 July 2021

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 24 May 2021 and ending 20 June 2021. This report is compliant with the requirements of Purchase Order Number 55115885 and 55130412 between JCP&L and Arcadis, and pursuant to the specified Scope of Work.

Contact:
Jeremy Cuccuini

Phone:
609.366.9033

Email:
Jeremy.cuccuini@arcadis-us.com

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

Our ref:
MD001134.0001/30008
3906

- Finalization and reproduction of design related tasks associated with the proposed groundwater containment system, including finalization of the treatment system design drawings and specifications to be issued for bid.
- Ongoing support with NJPDES discharge permitting (TWA), air permitting preparation and soil Erosion and Sediment Control (SESC) permit. Coordinate signatures and submittal of TWA and SESCP permits. Record NJDEP wetland permit.
- Process subcontractor invoicing for storm sewer video survey per Parsippany Sewer Department request.

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.
- Address 2020 access fee's for monitoring wells located on Jersey City Water Department property, and process annual \$500 fee.
- Ongoing procurement assistance associated with pending groundwater treatment system bid package submittal, including specifications, instruction to bidders, letter of intent communications and the RFP package. Submit DRAFT package to JCP&L Project Management for review, and upload. Prepare for contractor bid site walk.
- Ongoing installation of on and offsite recovery wells including RW-7. Planning and coordination for installation of recovery wells RW-2, RW-4 and RW-5, including well materials (stainless steel screens). Process drilling subcontractor, laboratory subcontractor and rental equipment invoicing.

The most recent MPR for April 2021 was submitted on 9 June 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 August 2021.

Section 3: Action Plan

Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 July 2021 through 15 September 2021).

The overall project budget for the current phases of work under PO 55115885 including Phase 14 (Pre-Design Investigation), Phase 15 Groundwater Containment System Design and Phase 16 Permitting and Compliance is shown on Table 2. The overall project budget for the current phases of work under PO 55130412 including Task 1 Project Management, Task 2 Procurement Assistance and Task 3 Recovery and Performance Monitoring Well Recovery, is shown on Table 3. Table 2 and Table 3 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.

Jeremy Cuccuini
Certified Project Manager

Copies:

D. Scillieri, Arcadis

D. Maza, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
300 Madison Ave
Morristown, NJ 07960-6169
United States

Arcadis U.S., Inc.
Bank of America
Acct: 8188093937
ACH: 071 000 039 Wire: 026009 593
SWIFT: BOFAUS3N
Remit-mailbox@arcadis-us.com
62638 Collections Center Drive
Chicago, IL 60693-0626

received 7/15/21

Invoice Date	15-Jul-2021	Invoice Number	34244157
Due Date	29-Aug-2021	Payment Term	45 days
PO# 55115885			
Arcadis Reference Number	MD001134.0001	Project Number	30015927
Arcadis Reference Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY	Project Name	MD001134.0001- JCPL/BOONTON, NEW JERSEY
Services Through	20-Jun-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 20-Jun-2021

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00005 - LSRP Services	6 - MD001134.0001/00005

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Thompson, David	6.00	Hours	136.00 ✓	816.00
				816.00
Other Reimbursable Charges				14.14
Total This Task				830.14 USD
Total This Project				830.14 USD
Total This Invoice				830.14 USD

SFS# 112254 3860^{6.00} Fax# 38047857

APPROVAL STAMP

P.O. NO. 55130412/2 INV. NO. 34244157

COMPANY CODE.: SCOO COST CENTER _____

COST ELEMENT (GL ACCT.): 550300

ORDER: 3001017 WBS: _____

APPROVED BY: _____ EMP. NO.: _____

J. Rusu C.10093 8/30/21

Bank Name BANK OF AMERICA N.A. **Bank/Branch Code** BOFA-026009593
Account No. 8188093937 **SWIFT** BOFAUS3N

Remittance Address: Remit-Mailbox@arcadis-us.com
Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.

Total This Invoice

830.14 USD

Transaction Details - Invoice Number 34244157

Project	Task	Contract Line
30015927 - MD001134.0001- JCPL/BOONTON, NEW JERSEY	00005 - LSRP Services	6 - MD001134.0001/00005

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35155 - Thompson, David RFS Form and Cost review	05/24/2021	0.50	136.00	68.00
35155 - Thompson, David RFS Form and Cost review	05/25/2021	2.00	136.00	272.00
35155 - Thompson, David Review and evaluate new remediation standards and updated timeframe information	05/27/2021	1.00	136.00	136.00
35155 - Thompson, David Review final RFS submission	06/01/2021	0.50	136.00	68.00
35155 - Thompson, David Weekly status call	06/02/2021	0.50	136.00	68.00
35155 - Thompson, David Review new remediation standards requirements	06/04/2021	0.50	136.00	68.00
35155 - Thompson, David Review final RFS submission	06/10/2021	0.50	136.00	68.00
35155 - Thompson, David New NJDEP Remediation standards review, potential requirements review	06/17/2021	0.50	136.00	68.00
		6.00		816.00
Total Labor				816.00 USD

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Postage / Shipping Charges 2021_21	05/29/2021	05/29/2021	Fedex ERS	14.14 /
Total Other Reimbursable Charges				14.14 USD
Total This Task				830.14 USD
Total This Project				830.14 USD
Total This Invoice				830.14 USD

Total This Invoice **830.14 USD**

**Table 1
Action Plan as of 15 July 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #5), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2018	Submitted

**Table 1
Action Plan as of 15 July 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set issued for Bid and Permit as of June 2021.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with approved permit received in June 2021. SESP submitted in June 2021. NJPDES TWA submitted in June 2021. Air permit submitted in May 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cuccuini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

Table 1
Action Plan as of 15 July 2021
Boonton, New Jersey, Former MGP Site

Groundwater Treatment System Recovery Well Installation	ARCADIS – Jeremy Cucculini, Dave Maza	7/30/21	Ongoing	Recovery wells RW-3, RW-6, RW-7 and RW-8 installed in April/May 2021. Remaining recovery wells RW-2, RW-4 and RW-5 to be installed in mid-July 2021 pending receipt of stainless steel well materials (on order).
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ARCADIS

JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2020				2021				2022				2023				2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Boonton, NJ Former MGP Site Remediation	Fri 1/10/03	Fri 1/31/25																				
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/18/18																				
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18																				
29	Groundwater RAWP Implementation	Thu 1/9/20	Wed 2/8/23																				
30	Pre-Design Investigation	Thu 1/9/20	Wed 9/30/20																				
31	Design Process	Thu 10/1/20	Wed 3/17/21																				
32	Procurement	Thu 3/18/21	Wed 6/16/21																				
40	Implementation	Thu 6/17/21	Wed 9/22/21																				
44	Post Remedial Action Activities	Thu 9/23/21	Wed 2/8/23																				
54	Supplemental Soil RAS/RAWP - Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
55	Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
60	Supplemental Soil RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
61	RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
71	Supplemental Soil RAWP Implementation	Mon 9/13/21	Fri 1/20/23																				
72	Procurement	Mon 4/11/22	Fri 7/22/22																				
77	Implementation	Mon 9/13/21	Fri 11/4/22																				
83	Post Remedial Action Activities	Mon 4/4/22	Fri 1/20/23																				
92	Groundwater OM&M	Mon 10/4/21	Fri 1/31/25																				

Project: Boonton Date: Thu 4/8/21	Task		External MileTask		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Progress	
	External Tasks		Duration-only		Split	

Table B
Budget Status for Site Remediation through 30 June 2021
Boonton Farmer MCP Site
Boonton, New Jersey
Purchase Order No. 5511685

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET ¹	CURRENT TASK BUDGET	CURRENT INVOICE AMOUNT	OUT OF SCOPE WORK THIS PERIOD ²	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
Phase 1, Site Remediation									
1	Annual Progress Reporting, Including CEA Proposal	11,470	11,470	0	0	12,079	12,079	(609)	100%
2	Updates to Groundwater Modeling	20,332	20,332	0	0	20,291	20,291	41	100%
3	Preparation of RAMP Addendum	23,376	76,733	0	0	78,226	78,226	67	100%
4	Project Management	7,572	147,898	0	0	148,184	149,164	(1,464)	101%
5	LSRP Services	13,500	87,550	830	0	46,003	46,833	717	80%
6	Soil Disturbance Evaluation	5,204	6,004	0	0	6,436	6,436	(432)	100%
7	Access Investigation and Soil Sampling	47,541	64,034	0	0	61,919	64,516	(1,115)	95%
8	Supplemental Remedial Investigation Report	16,657	61,792	0	0	64,433	64,433	(2,543)	98%
9	Access Construction	8,800	6,800	0	0	7,978	7,978	(866)	114%
10	Groundwater Sampling	42,520	48,300	0	0	46,160	46,160	1,140	100%
11	Surface Water and Sediment Sampling	22,310	43,840	0	0	23,344	23,344	18,506	60%
12	Soil Excavation and Reporting	10,980	10,980	0	0	13,461	13,461	(2,481)	104%
13	PD Report Evaluation, Air Strip Review, Data Evaluation	37,240	37,240	0	0	36,572	36,572	6,668	117%
14	Pre-Design Investigation	221,643	492,303	45	0	503,202	503,202	(8,559)	102%
15	Groundwater Characterization System Design	68,760	161,073	1,238	0	153,950	155,188	(4,115)	102%
16	Permitting and Compliance	37,342	76,574	7,713	0	55,265	62,978	13,600	82%
TOTALS (\$)		872,614	1,539,048	8,846	0	1,320,228	1,330,094	4,854	100%

Notes

- Work authorized by purchase order number 5511685 dated 10/12/12 in accordance with the Arcadis proposal dated 5/12/12.
- Task 6 authorized by written order as proposed by JCP&L, dated 5/24/13.
- Task 7 and 8 authorized by change order #3, dated 9/23/13, to purchase order 5511685 in accordance with the Arcadis proposal dated 9/22/13.
- Updates to compensation in the amount of \$3,084 added to project budget per the Arcadis proposal dated 2/2/15, and approved by JCP&L on 2/3/15.
- Updates to compensation in the amount of \$35,015 added to project budget per the Arcadis proposal dated 4/11/15, and approved by JCP&L Change Order #7 on 4/23/15.
- Updates to compensation in the amount of \$83,434 added to project budget per the Arcadis proposal dated 2/4/16, and approved by JCP&L Change Order #8 on 2/18/16.
- Updates to compensation in the amount of \$40,830 added to project budget per the Arcadis proposal dated 2/29/2018 and approved by JCP&L Change Order #9 on 8/3/2018.
- Updates to compensation in the amount of \$10,000 added to project budget per the Arcadis proposal dated 4/10/2017 and approved by JCP&L Change Order #10 on 9/26/2017.
- Updates to compensation in the amount of \$12,240 added to project budget per the Arcadis proposal dated 4/11/2018 and approved by JCP&L Change Order #11 on 4/24/18.
- Updates to compensation in the amount of \$10,270 added to project budget per the Arcadis proposal dated 8/1/2018 and approved by JCP&L Change Order #12 on 8/7/18.
- Updates to compensation in the amount of \$197,640 added to project budget per the Arcadis proposal dated 2/22/2019 and approved by JCP&L Change Order #13 on 3/20/19.
- Updates to compensation in the amount of \$18,100 added to project budget per the Arcadis proposal dated 10/15/2019 and approved by JCP&L Change Order #14 on 10/31/2019.
- Updates to compensation in the amount of \$18,446 added to project budget per the Arcadis proposal dated 3/12/20 and approved by JCP&L Change Order #15 on 3/23/20.
- Updates to compensation in the amount of \$18,360 added to project budget per the Arcadis proposal dated 4/1/20 and approved by JCP&L Change Order #16 on 4/13/20.
- Updates to compensation in the amount of \$71,750 added to project budget per the Arcadis proposal dated 7/14/20 and approved by JCP&L Change Order #17 on 10/2/20.
- Updates to compensation in the amount of \$25,232 added to project budget per the Arcadis proposal dated 12/09/20 and approved by JCP&L Change Order #18 on 12/9/20.

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

Subject:
Monthly Progress Report (MPR) LSRP Services –June 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

ENVIRONMENT

Dear Ms. Rusu:

Date:
15 July 2021

The following summarizes Licensed Site Remediation Professional (LSRP) related project activities performed by Arcadis for the above referenced site during the billing period beginning 24 May 2021 and ending 20 June 2021.

Contact:
Jeremy Cuccuini

Section 1: Work Performed

Phone:
609.366.9033

The following work was performed during the period under Purchase Order Number 55115885:

Email:
Jeremy.cuccuini@arcadis-us.com

- LSRP time for project team calls and general team/project communication. Provide assistance with annual Remediation Funding Source (RFS) filings and correspondence.

Our ref:
MD001134.0001

If you have any questions about this report, please do not hesitate to contact the undersigned.

Sincerely,

Arcadis U.S., Inc.

Jeremy Cuccuini
Project Manager

Copies:
D. Scillieri, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

Invoice Date	17-Aug-2021	Invoice Number	34250027
Due Date	01-Oct-2021	Payment Term	45 days
PO# 55130412			
Arcadis Reference Number	30083906	Project Number	30083906
Arcadis Reference Name	30083906 - JCPL Boonton	Project Name	30083906 - JCPL Boonton
Services Through	25-Jul-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

received 8/17/21

Professional Services to 25-Jul-2021

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Jones Jackson, Legenetta	7.80	Hours	54.00 ✓	421.20
Collins, Lisa	3.30	Hours	54.00 ✓	178.20
Mack, David	0.50	Hours	136.00 ✓	68.00
Cuccuini, Jeremy	9.00	Hours	131.00 ✓	1,179.00
Scillieri, Darren	4.00	Hours	148.00 ✓	592.00
	24.60			2,438.40

Total This Task

2,438.40 USD

approval stamp on 3rd page.

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N

Remittance Address: Remit-Mailbox@arcadis-us.com
 Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00002 - Procurement Assistance	2 - Task 00002

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Oberlander, Roseanne	5.20	Hours	68.00 ✓	353.60
De Sonier, James	5.50	Hours	74.00 ✓	407.00
Sidoti, John	3.00	Hours	148.00 ✓	444.00
Fuller, Andrew	24.50	Hours	136.00 ✓	3,332.00
Sanchez, Adriana	3.50	Hours	113.00 ✓	395.50
Bucek, Michael	0.50	Hours	113.00 ✓	56.50
Fatto, Tracey	3.20	Hours	68.00 ✓	217.60
Mastrocola, Krista	13.50	Hours	122.00 ✓	1,647.00
Maza, David	2.50	Hours	122.00 ✓	305.00
Cuccuini, Jeremy	18.50	Hours	131.00 ✓	2,423.50
Catchpole, Daniel	1.00	Hours	93.00 ✓	93.00
Scillieri, Darren	0.50	Hours	148.00 ✓	74.00
Pyle, Matthew	4.00	Hours	63.00 ✓	252.00
	85.40			10,000.70
Reimbursable Expenses				156.80
Other Reimbursable Charges				20.33
Total This Task				10,177.83 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00003 - Recovery & Performance Monitoring Well Installation	4 - Task 00003

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
ONeill, Paul	10.00	Hours	74.00 ✓	740.00
Kane, Raleigh	139.60	Hours	93.00 ✓	12,982.80
Maza, David	12.90	Hours	122.00 ✓	1,573.80

Cucculni, Jeremy	7.50	Hours	131.00 ✓	982.50
Scillieri, Darren	2.00	Hours	148.00 ✓	296.00
	<u>172.00</u>			<u>16,575.10</u>
Reimbursable Expenses				1,693.58 1691.51
Other Reimbursable Charges				1,670.35 1589.91
Total This Task				<u>19,848.03 USD</u>
				19,856.52
Total This Project				<u>32,584.26 USD</u>
				32,472.75
Total This Invoice				<u>32,584.26 USD</u>
				32,472.75

S/S # 11225 77395 Fax # 38048809
 payable \$ 32472.75

APPROVAL STAMP	
P.O. NO. <u>55130412/1</u>	INV. NO. <u>34250027</u>
COMPANY CODE.: SCOO	COST CENTER _____
COST ELEMENT (GL ACCT.): <u>550300</u>	
ORDER: <u>3001017</u>	WBS: _____
APPROVED BY: _____	EMP. NO.: _____

Glavin C10093 9/7/21

Rusu, Jennifer

From: Rusu, Jennifer
Sent: Wednesday, September 1, 2021 1:17 PM
To: Cuccuini, Jeremy
Subject: RE: Boonton Invoice 34250027 Part 2

Ok, thanks. I will short pay the cost of the sugar and the tax on Noreen's invoice.



Jennifer Rusu
Project Manager
office: 973-401-8222
jrusu@firstenergycorp.com
300 Madison Ave, Morristown, NJ 07962-1911 | mailstop: Morristown-Gen. Office

From: Cuccuini, Jeremy <Jeremy.Cuccuini@arcadis.com>
Sent: Wednesday, September 1, 2021 1:10 PM
To: Rusu, Jennifer <jrusu@firstenergycorp.com>
Subject: [EXTERNAL] RE: Boonton Invoice 34250027 Part 2

Hi Jen – understood – we will be paying the invoice for the \$1,350 and will cover the tax accordingly as required.

Thanks again –
Jeremy

From: Rusu, Jennifer <jrusu@firstenergycorp.com>
Sent: Wednesday, September 1, 2021 12:34 PM
To: Cuccuini, Jeremy <Jeremy.Cuccuini@arcadis.com>
Subject: RE: Boonton Invoice 34250027 Part 2

I will short pay the invoice the cost of the sugar.

As for the Noreen's invoice, I just needed Arcadis to pay it for me due to issues on my end for producing checks. It should be a straight cost of only \$1350.



Jennifer Rusu
Project Manager
office: 973-401-8222
jrusu@firstenergycorp.com
300 Madison Ave, Morristown, NJ 07962-1911 | mailstop: Morristown-Gen. Office

From: Cuccuini, Jeremy <Jeremy.Cuccuini@arcadis.com>
Sent: Wednesday, September 1, 2021 12:03 PM
To: Rusu, Jennifer <jrusu@firstenergycorp.com>
Subject: [EXTERNAL] RE: Boonton Invoice 34250027 Part 2

Hi Jen- circling back on these items, the additional costs Noreen's materials are the tax we are required to pay for the materials, so this explains that additional amount listed.

Also, regarding the sugar apparently Raleigh made an error on his expense report and should not have included this charge. We apologize for any confusion there, but it looks like this can be deducted from the invoice via short pay or whatever is easier for you.

Thanks –
Jeremy

From: Rusu, Jennifer <jrusu@firstenergycorp.com>
Sent: Tuesday, August 31, 2021 11:50 AM
To: Cuccuini, Jeremy <Jeremy.Cuccuini@arcadis.com>
Subject: FW: Boonton Invoice 34250027 Part 2

Also on this invoice, there is an Aldi invoice totaling \$10.78 where there is a charge for 4lb Sugar. Is that related to the project?



Jennifer Rusu
Project Manager
office: 973-401-8222
jrusu@firstenergycorp.com
300 Madison Ave, Morristown, NJ 07962-1911 | mailstop: Morristown-Gen. Office

From: Rusu, Jennifer
Sent: Tuesday, August 31, 2021 7:49 AM
To: Cuccuini, Jeremy <Jeremy.Cuccuini@arcadis.com>
Subject: Boonton Invoice 34250027

Hi Jeremy – On this invoice, the invoice to Noreen was \$1350 but it looks we were charged more for it. Can you clarify? Thanks



Jennifer Rusu
Project Manager
office: 973-401-8222
jrusu@firstenergycorp.com
300 Madison Ave, Morristown, NJ 07962-1911 | mailstop: Morristown-Gen. Office

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Transaction Details - Invoice Number 34250027

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
62553 - Jones Jackson, Legenetta project support	07/09/2021	0.50	54.00	27.00
62553 - Jones Jackson, Legenetta project support	07/09/2021	0.50	54.00	27.00
62553 - Jones Jackson, Legenetta project support	07/12/2021	0.50	54.00	27.00
62553 - Jones Jackson, Legenetta project support	07/12/2021	0.50	54.00	27.00
62553 - Jones Jackson, Legenetta project support	07/13/2021	1.50	54.00	81.00
62553 - Jones Jackson, Legenetta project support	07/13/2021	1.50	54.00	81.00
62553 - Jones Jackson, Legenetta project support	07/14/2021	0.80	54.00	43.20
62553 - Jones Jackson, Legenetta project support	07/14/2021	2.00	54.00	108.00
23893 - Collins, Lisa project cost review for invoice	07/13/2021	1.50	54.00	81.00
23893 - Collins, Lisa project financial support	07/22/2021	1.80	54.00	97.20
24724 - Mack, David ANA project review	07/12/2021	0.50	136.00	68.00
24518 - Cucchini, Jeremy weekly team meeting, project communication, PM	07/07/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy June invoicing	07/08/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy June monthly progress report, cost tables and invoicing	07/12/2021	1.50	131.00	196.50
24518 - Cucchini, Jeremy weekly team call, project coordination/PM	07/14/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy process NorRoc invoice and accounting follow-up	07/15/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy june/july accounting and budget reviews	07/19/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy weekly team meeting, project coordination/PM	07/21/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy July accruals	07/22/2021	1.50	131.00	196.50
24363 - Scillieri, Darren project team meeting, project coordination	06/23/2021	0.50	148.00	74.00
24363 - Scillieri, Darren	06/30/2021	0.50	148.00	74.00

project team meeting, project coordination

24363 - Scillieri, Darren	07/13/2021	1.00	148.00	148.00
project team conference call. project coordination				
24363 - Scillieri, Darren	07/14/2021	1.00	148.00	148.00
project team conference call. project coordination				
24363 - Scillieri, Darren	07/16/2021	1.00	148.00	148.00
project team conference call. project coordination				

24.60

2,438.40

Total Labor

2,438.40 USD

Total This Task

2,438.40 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00002 - Procurement Assistance	2 - Task 00002

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
38225 - Oberlander, Roseanne CAD: Update SESC dwgs for J. De Sonier	06/29/2021	0.70	68.00	47.60
38225 - Oberlander, Roseanne CAD: Update SESC dwgs for J. De Sonier	07/01/2021	3.00	68.00	204.00
38225 - Oberlander, Roseanne CAD: Update SESC dwgs for J. De Sonier	07/02/2021	1.50	68.00	102.00
60027 - De Sonier, James Response to Comments	06/28/2021	3.50	74.00	259.00
60027 - De Sonier, James Response to Comments, Meeting, TWA Response	07/01/2021	2.00	74.00	148.00
37889 - Sidoti, John contractor bidding questions	07/01/2021	0.50	148.00	74.00
37889 - Sidoti, John contractor bidding questions/responses	07/02/2021	1.00	148.00	148.00
37889 - Sidoti, John Bid questions, responses	07/06/2021	0.50	148.00	74.00
37889 - Sidoti, John bid elect responses and drawing updates	07/07/2021	1.00	148.00	148.00
35562 - Fuller, Andrew bid walk & followup	06/21/2021	8.00	136.00	1,088.00
35562 - Fuller, Andrew Regulatory comments, bidder followup	06/28/2021	2.00	136.00	272.00
35562 - Fuller, Andrew Regulatory comments, bidder followup	06/30/2021	1.00	136.00	136.00
35562 - Fuller, Andrew Regulatory comments, bidder followup	07/01/2021	2.00	136.00	272.00
35562 - Fuller, Andrew Regulatory comments, bidder followup	07/02/2021	2.00	136.00	272.00
35562 - Fuller, Andrew Regulatory comments, bidder followup	07/07/2021	3.00	136.00	408.00
35562 - Fuller, Andrew	07/08/2021	3.00	136.00	408.00

Regulatory comments, bidder followup				
35562 - Fuller, Andrew	07/09/2021	1.00	136.00	136.00
Regulatory comments, bidder followup				
35562 - Fuller, Andrew	07/12/2021	1.00	136.00	136.00
TWA followup, well construction				
35562 - Fuller, Andrew	07/13/2021	1.00	136.00	136.00
TWA followup, well construction				
35562 - Fuller, Andrew	07/25/2021	0.50	136.00	68.00
TWA followup, well construction				
38481 - Sanchez, Adriana	06/28/2021	1.00	113.00	113.00
RFPs comments,				
38481 - Sanchez, Adriana	06/29/2021	1.00	113.00	113.00
RFPs comments, TWA				
38481 - Sanchez, Adriana	06/30/2021	1.00	113.00	113.00
RFPs comments, TWA				
38481 - Sanchez, Adriana	07/06/2021	0.50	113.00	56.50
RFPs comments,				
37071 - Bucek, Michael	07/01/2021	0.50	113.00	56.50
concrete pad bid question response				
38442 - Fatto, Tracey	07/07/2021	3.20	68.00	217.60
CAD - Boonton C-Series figures edits (K.Mastrocola)				
25081 - Mastrocola, Krista	06/21/2021	4.50	122.00	549.00
RA Site Walk				
25081 - Mastrocola, Krista	06/28/2021	1.00	122.00	122.00
Preparation of RFP Addendum 1/Revisions to SESC based on MSCD Comments				
25081 - Mastrocola, Krista	06/29/2021	2.00	122.00	244.00
Preparation of RFP Addendum 1/Revisions to SESC based on MSCD Comments				
25081 - Mastrocola, Krista	06/30/2021	1.00	122.00	122.00
Preparation of RFP Addendum 1/Revisions to SESC based on MSCD Comments				
25081 - Mastrocola, Krista	07/01/2021	1.00	122.00	122.00
Preparation of RFP Addendum 1/Revisions to SESC based on MSCD Comments				
25081 - Mastrocola, Krista	07/02/2021	0.50	122.00	61.00
Preparation of RFP Addendum 1/Revisions to SESC based on MSCD Comments				
25081 - Mastrocola, Krista	07/06/2021	1.50	122.00	183.00
Prepare RFP Addendum #1				
25081 - Mastrocola, Krista	07/07/2021	1.00	122.00	122.00
Prepare RFP Addendum #1				
25081 - Mastrocola, Krista	07/21/2021	1.00	122.00	122.00
Discuss Plans for Proposal Review & Award of Bid				
35671 - Maza, David	06/28/2021	0.80	122.00	97.60
review contractor bid inquiries, related communications, team call re: responses				
35671 - Maza, David	06/30/2021	1.00	122.00	122.00
team call re: bid question responses				
35671 - Maza, David	07/01/2021	0.50	122.00	61.00
procurement team call				
35671 - Maza, David	07/07/2021	0.20	122.00	24.40
communications related to procurement				
24518 - Cuccuini, Jeremy	06/21/2021	6.00	131.00	786.00
client follow-up on bid schedule, forms and property owner planning				

24518 - Cucchini, Jeremy	06/28/2021	1.00	131.00	131.00
review bidder questions and manage responses				
24518 - Cucchini, Jeremy	07/01/2021	1.00	131.00	131.00
bidder questions responses				
24518 - Cucchini, Jeremy	07/02/2021	1.50	131.00	196.50
bidder questions responses				
24518 - Cucchini, Jeremy	07/06/2021	2.50	131.00	327.50
Procurement related assistance, DRAFT addenda and bidder responses				
24518 - Cucchini, Jeremy	07/07/2021	3.00	131.00	393.00
Procurement related assistance, DRAFT addenda. Finalize bidder responses and submit to JCP&L				
24518 - Cucchini, Jeremy	07/12/2021	1.00	131.00	131.00
procurement schedule review and offsite invoice coordination				
24518 - Cucchini, Jeremy	07/13/2021	0.50	131.00	65.50
procurement schedule review and offsite invoice coordination				
24518 - Cucchini, Jeremy	07/20/2021	1.00	131.00	131.00
procurement schedule review and follow-up				
24518 - Cucchini, Jeremy	07/23/2021	1.00	131.00	131.00
bid reviews				
35368 - Catchpole, Daniel	07/01/2021	1.00	93.00	93.00
I&C Design				
24363 - Scillieri, Darren	07/07/2021	0.50	148.00	74.00
project team conference call, project coordination				
64326 - Pyle, Matthew	07/07/2021	4.00	63.00	252.00
JCP&L Electrical Updates				

85.40

10,000.70
Total Labor

10,000.70 USD
Reimbursable Expenses

	Expense Report Number	Report Date	Employee/Description	This Invoice
Car Mileage				
	US004055569520	06/21/2021	Fuller, Andrew/bid walk	84.00 ✓
	US004161301807	06/21/2021	Cucchini, Jeremy/bid walk	72.80 ✓
Total Reimbursable Expenses				<hr/> 156.80 USD

Other Reimbursable Charges

	Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Postage / Shipping Charges					
	000007YY524261	06/26/2021	06/26/2021	United Parcel Service	20.33 ✓
Total Other Reimbursable Charges					<hr/> 20.33 USD

Total This Task

10,177.83 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00003 - Recovery & Performance Monitoring Well Installation	4 - Task 00003

Labor

<u>Employee No. and Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>This Invoice</u>
39352 - O'Neill, Paul Monitoring well installation and subcontractor coordination	07/08/2021	10.00	74.00	740.00
39026 - Kane, Raleigh Recovery well install schedule and equipment prep	06/28/2021	0.50	93.00	46.50
39026 - Kane, Raleigh Recovery well drilling oversight	07/06/2021	8.50	93.00	790.50
39026 - Kane, Raleigh Recovery well drilling oversight	07/07/2021	10.00	93.00	930.00
39026 - Kane, Raleigh Recovery well drilling oversight	07/08/2021	6.00	93.00	558.00
39026 - Kane, Raleigh Recovery well drilling oversight	07/09/2021	2.00	93.00	186.00
39026 - Kane, Raleigh Recovery well drilling oversight	07/09/2021	7.50	93.00	697.50
39026 - Kane, Raleigh Recovery well drilling oversight	07/12/2021	2.00	93.00	186.00
39026 - Kane, Raleigh Recovery well drilling oversight	07/12/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Recovery well drilling oversight	07/13/2021	1.00	93.00	93.00
39026 - Kane, Raleigh Recovery well drilling oversight	07/13/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Recovery well drilling oversight	07/14/2021	0.50	93.00	46.50
39026 - Kane, Raleigh Recovery well drilling oversight	07/14/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Recovery well development	07/15/2021	2.50	93.00	232.50
39026 - Kane, Raleigh Recovery well development	07/15/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Recovery well development and demob	07/16/2021	1.50	93.00	139.50
39026 - Kane, Raleigh Recovery well development and demob	07/16/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Recovery well pump tests	07/19/2021	4.00	93.00	372.00
39026 - Kane, Raleigh Recovery well pump tests	07/19/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Recovery well pump tests	07/20/2021	3.50	93.00	325.50
39026 - Kane, Raleigh Recovery well pump tests	07/20/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Recovery well pump tests	07/21/2021	3.90	93.00	362.70
39026 - Kane, Raleigh Recovery well pump tests	07/21/2021	8.00	93.00	744.00
39026 - Kane, Raleigh Recovery well pump tests	07/22/2021	2.20	93.00	204.60
39026 - Kane, Raleigh	07/22/2021	8.00	93.00	744.00

Recovery well pump tests

39026 - Kane, Raleigh	07/23/2021	4.00	93.00	372.00
Recovery well pump tests, sanitary line jetting oversight, site cleanup & IDW management				
39026 - Kane, Raleigh	07/23/2021	8.00	93.00	744.00
Recovery well pump tests, sanitary line jetting oversight, site cleanup & IDW management				
35671 - Maza, David	06/28/2021	0.50	122.00	61.00
coordinate well installs and discharge line video logging/jetting				
35671 - Maza, David	06/29/2021	0.20	122.00	24.40
call with GPRS				
35671 - Maza, David	06/30/2021	1.00	122.00	122.00
coordinate pipe jetting, drilling schedule, resource coordination, call with driller				
35671 - Maza, David	07/01/2021	0.40	122.00	48.80
call with Jack Onorati, bid communications				
35671 - Maza, David	07/02/2021	0.80	122.00	97.60
coordinate jetting and well installs, kickoff call				
35671 - Maza, David	07/06/2021	0.60	122.00	73.20
coordinate jetting, pipe inspection, and well installs, call with Raleigh				
35671 - Maza, David	07/07/2021	0.50	122.00	61.00
call with Raleigh, call with GPRS				
35671 - Maza, David	07/08/2021	0.80	122.00	97.60
coordinate well install, communications re: jetting and pipe inspection, calls with Paul				
35671 - Maza, David	07/09/2021	0.50	122.00	61.00
call with Raleigh, call with GPRS				
35671 - Maza, David	07/12/2021	0.80	122.00	97.60
waste management coord., call with Raleigh, review RW-2 boring log and evaluate well construction				
35671 - Maza, David	07/13/2021	2.00	122.00	244.00
coordinate well installs, calls with Raleigh, evaluate pumping test design, call with DS and JC, waste coordination				
35671 - Maza, David	07/14/2021	1.00	122.00	122.00
coordinate well installs and pumping tests				
35671 - Maza, David	07/15/2021	1.00	122.00	122.00
call with A Royal Flush, resolve outstanding invoices, coordinate pumping tests				
35671 - Maza, David	07/16/2021	1.20	122.00	146.40
team call re: pumping tests, coordinate pumping tests and well development				
35671 - Maza, David	07/19/2021	0.50	122.00	61.00
call with Raleigh, coordinate pumping tests				
35671 - Maza, David	07/21/2021	0.40	122.00	48.80
coordinate pumping tests, follow up re: SGS invoices				
35671 - Maza, David	07/22/2021	0.30	122.00	36.60
communications related to pumping tests, coordination re: driller invoices				
35671 - Maza, David	07/23/2021	0.40	122.00	48.80
call with Raleigh, waste coordination				
24518 - Cucchini, Jeremy	07/06/2021	0.50	131.00	65.50
field updates/communication				
24518 - Cucchini, Jeremy	07/07/2021	0.50	131.00	65.50
field updates/communication				
24518 - Cucchini, Jeremy	07/08/2021	0.50	131.00	65.50
field updates/communication				
24518 - Cucchini, Jeremy	07/09/2021	0.50	131.00	65.50
field updates/communication				
24518 - Cucchini, Jeremy	07/12/2021	1.00	131.00	131.00
field updates/communication				
24518 - Cucchini, Jeremy	07/13/2021	0.50	131.00	65.50

field updates/communication				
24518 - Cucchini, Jeremy	07/14/2021	0.50	131.00	65.50
field updates/communication				
24518 - Cucchini, Jeremy	07/15/2021	0.50	131.00	65.50
field updates/communication, IDW coordination				
24518 - Cucchini, Jeremy	07/16/2021	1.00	131.00	131.00
field updates/communication/pump test planning and scope review for next week of 7/19				
24518 - Cucchini, Jeremy	07/20/2021	1.00	131.00	131.00
field updates/communication, pump test data review and team follow-up				
24518 - Cucchini, Jeremy	07/23/2021	1.00	131.00	131.00
field updates/communication, pump test data review and team follow-up , IDW disposal support				
24363 - Scillieri, Darren	07/20/2021	0.50	148.00	74.00
project team conference call.pumping test data review				
24363 - Scillieri, Darren	07/21/2021	1.00	148.00	148.00
project team conference call. project coordination				
24363 - Scillieri, Darren	07/23/2021	0.50	148.00	74.00
project coordination, pumping test data review				

172.00

16,575.10

Total Labor

16,575.10 USD

Reimbursable Expenses

	Expense Report Number	Report Date	Employee/Description	This Invoice
Car Mileage	US004161301355	07/16/2021	Kane, Raleigh/Drove personal vehicle to and from site	50.40
Car Rental	US004161301355	07/23/2021	Kane, Raleigh/Used 14 days including 7/6 - 7/9, 7/12 - 7/16 & 7/19 - 7/23 . Divided total costs by 22 days of use to create a daily rate of \$88.82	1,243.48 ✓
Food & Drinks	US004161301355	07/06/2021	Kane, Raleigh/Lunch	9.56 /
	US004161301355	07/07/2021	Kane, Raleigh/Lunch	9.31 /
	US004161301355	07/08/2021	Kane, Raleigh/Lunch	13.30 /
	US004161301355	07/09/2021	Kane, Raleigh/Lunch	9.29 /
	US004161301355	07/12/2021	Kane, Raleigh/Lunch	10.78 8.61
	US004161301355	07/13/2021	Kane, Raleigh/Lunch	10.75 ✓
	US004161301355	07/14/2021	Kane, Raleigh/Meals-Food & Drinks	12.77 ✓
	US004161301355	07/15/2021	Kane, Raleigh/Lunch	10.64 ✓
	US004161301355	07/16/2021	Kane, Raleigh/Lunch	10.70 ✓
	US004161301355	07/19/2021	Kane, Raleigh/Lunch	10.82 ✓
	US004161301355	07/20/2021	Kane, Raleigh/Lunch	10.69 ✓
	US004161301355	07/21/2021	Kane, Raleigh/Lunch	13.79 ✓
	US004161301355	07/22/2021	Kane, Raleigh/Lunch	12.44 ✓
Fuel	US004161301355	07/12/2021	Kane, Raleigh/Fuel	72.00 ✓
	US004161301355	07/16/2021	Kane, Raleigh/Fuel	74.58 ✓
	US004161301355	07/22/2021	Kane, Raleigh/Fuel	65.18 ✓
Materials	US004161301355	06/16/2021	Kane, Raleigh/Tarp to cover well materials	14.90 ✓
Public Transportation	US004161301355	06/18/2021	Kane, Raleigh/Took Uber to pick up work rental vehicle	28.20 ✓
Total Reimbursable Expenses				<u>1,893.58 USD</u> 1691.51

Other Reimbursable Charges

	Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Materials					1350.00
	285	06/15/2021	06/15/2021	NorRoc Enterprises LLC	1439.44
	US1-210052072	07/21/2021	07/21/2021	Pine Environmental Services LLC	47.77 ✓
Tools & Equipment					192.14 ✓
	1821293	07/12/2021	07/12/2021	ARF Rental Services, Inc.	
Total Other Reimbursable Charges					1,879.35 USD 1,589.91
Total This Task					19,948.03 USD 19,856.52
Total This Project					32,564.26 USD 32,472.75
Total This Invoice					32,564.26 USD 32,472.75
				Total This Invoice	32,564.26 USD 32,472.75

**Table 1
Action Plan as of 15 August 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/08	NJDEP comments on proposed well locations received 5/28/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2018	Submitted

**Table 1
Action Plan as of 15 August 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set at issued for Bid and Permit as of June 2021.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with approved permit received in June 2021. SESCO submitted in June 2021. NJPDES TWA submitted in June 2021. Air permit submitted in May 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cuccuini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

**Table 1
Action Plan as of 15 August 2021
Boonton, New Jersey, Former MGP Site**

Groundwater Treatment System Recovery Well Installation	ARCADIS – Jeremy Cuccuini, Dave Maza	7/30/21	Complete	Recovery wells RW-3, RW-6, RW-7 and RW-8 installed in April/May 2021. Remaining recovery wells RW-2, RW-4 and RW-5 installed in mid-July 2021. Final contractor selection expected in August 2021, with system construction mobilization anticipated in September 2021.
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JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2020				2021				2022				2023				2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Boonton, NJ Former MGP Site Remediation	Fri 1/10/03	Fri 1/31/25																				
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18																				
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18																				
29	Groundwater RAWP Implementation	Thu 1/9/20	Wed 2/8/23																				
30	Pre-Design Investigation	Thu 1/9/20	Wed 9/30/20																				
31	Design Process	Thu 10/1/20	Wed 3/17/21																				
32	Procurement	Thu 3/18/21	Wed 6/16/21																				
40	Implementation	Thu 6/17/21	Wed 9/22/21																				
44	Post Remedial Action Activities	Thu 9/23/21	Wed 2/8/23																				
54	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
55	Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
60	Supplemental Soil RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
61	RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
71	Supplemental Soil RAWP Implementation	Mon 9/13/21	Fri 1/20/23																				
72	Procurement	Mon 4/11/22	Fri 7/22/22																				
77	Implementation	Mon 9/13/21	Fri 11/4/22																				
83	Post Remedial Action Activities	Mon 4/4/22	Fri 1/20/23																				
92	Groundwater OM&M	Mon 10/4/21	Fri 1/31/25																				

Project: Boonton
 Date: Thu 4/8/21

Task		External MileTask		Manual Summary Rollup	
Split		Inactive Task		Manual Summary	
Milestone		Inactive Milestone		Start-only	
Summary		Inactive Summary		Finish-only	
Project Summary		Manual Task		Progress	
External Tasks		Duration-only		Split	

Table 3
Budget Status for Site Remediation through 25 July 2021
Boonton Former MGP Site
Boonton, New Jersey
Purchase Order No. 55130412

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET ¹	CURRENT TASK BUDGET	CURRENT INVOICE AMOUNT	OUT OF SCOPE WORK THIS PERIOD	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
<i>Phase 1, Site Remediation</i>									
1	Project Management	30,030	30,030	2,439	0	9,892	12,330	17,700	41%
2	Procurement Assistance	42,861	42,861	10,178	0	26,584	36,762	6,099	86%
3	Recovery and Performance Monitoring Well Installation	272,737	272,737	19,948	0	205,979	225,927	46,810	83%
TOTALS (\$):		345,628	345,628	32,564	0	242,455	275,019	70,609	80%

Notes:

1. Work authorized by Purchase Order Number 55130412 dated 2/16/21 in accordance with the Arcadis Proposal dated 2/16/2021.
2. Task 5 authorized for \$372,377 per Change Order #1 dated 4/22/2021 based on Arcadis proposal dated 2/16/2021.

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Subject:
Monthly Progress Report (MPR) – July 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 21 June 2021 and ending 25 July 2021. This report is compliant with the requirements of Purchase Order Number 55130412 between JCP&L and Arcadis, and pursuant to the specified Scope of Work.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.
- Ongoing support with NJPDES discharge permitting (TWA) and air permitting. Respond to NJDEP administrative review of TWA permit and follow-up.
- Ongoing procurement assistance associated with pending groundwater treatment system construction, including conduct site bid walk with Arcadis technical staff, the selected contractors and JCP&L Project Management, review subsequent contractor questions and preparation of the associated bid package addendum addressing questions, review final contractor bids and associated evaluations.

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

ENVIRONMENT

Date:
17 August 2021

Contact:
Jeremy Cuccuini

Phone:
609.366.9033

Email:
Jeremy.cuccuini@arcadis-us.com

Our ref:
300083906

- Ongoing installation of on and offsite recovery wells RW-2, RW-4 and RW-5. Perform follow-up short duration pumping yield tests.
- Oversee cleanout and jetting of existing sanitary sewer effluent piping, including well materials (stainless steel screens).
- Process NorCom invoicing for stone material.

The most recent MPR for June 2021 was submitted on 12 July 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 August 2021.

Section 3: Action Plan


Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 August 2021 through 15 October 2021).

The overall project budget for the current phases of work under PO 55130412 including Task 1 Project Management, Task 2 Procurement Assistance and Task 3 Recovery and Performance Monitoring Well Recovery, is shown on Table 2. Table 2 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cuccuini
Certified Project Manager

Copies:

D. Scillieri, Arcadis
D. Maza, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 9/15/21

Invoice Date	15-Sep-2021	Invoice Number	34255062
Due Date	30-Oct-2021	Payment Term	45 days
PO# 55130412			
Arcadis Reference Number	30083906	Project Number	30083906
Arcadis Reference Name	30083906 - JCPL Boonton	Project Name	30083906 - JCPL Boonton
Services Through	22-Aug-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 22-Aug-2021

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Jones Jackson, Legenetta	3.50	Hours	54.00 ✓	189.00
Collins, Lisa	4.50	Hours	54.00 ✓	243.00
Mack, David	0.25	Hours	136.00 ✓	34.00
Cuccuini, Jeremy	8.50	Hours	131.00 ✓	1,113.50
	16.75			1,579.50

Other Reimbursable Charges	20.33
Total This Task	1,599.83 USD

approval stamp on 3rd page

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N
Remittance Address: Remit-Mailbox@arcadis-us.com			
Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.			

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00002 - Procurement Assistance	2 - Task 00002

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Oberlander, Roseanne	0.50	Hours	68.00 ✓	34.00
De Sonier, James	27.00	Hours	74.00 ✓	1,998.00
Fuller, Andrew	8.50	Hours	136.00 ✓	1,156.00
Mastrocola, Krista	13.50	Hours	122.00 ✓	1,647.00
Maza, David	0.70	Hours	122.00 ✓	85.40
Cuccuini, Jeremy	9.00	Hours	131.00 ✓	1,179.00
Foos, Patrick	1.00	Hours	93.00 ✓	93.00
Scillieri, Darren	6.00	Hours	148.00 ✓	888.00
	<u>66.20</u>			<u>7,080.40</u>
Subcontracting				3,156.50
Other Reimbursable Charges				10.77
Total This Task				<u>10,247.67 USD</u>

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00003 - Recovery & Performance Monitoring Well Installation	4 - Task 00003

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Ozoroski, Mark	8.00	Hours	74.00 ✓	592.00
O'Neill, Paul	12.00	Hours	74.00 ✓	888.00
Kane, Raleigh	29.50	Hours	93.00 ✓	2,743.50
Maza, David	0.70	Hours	122.00 ✓	85.40
Cuccuini, Jeremy	4.00	Hours	131.00 ✓	524.00
	<u>54.20</u>			<u>4,832.90</u>
Subcontracting				60,837.26
Reimbursable Expenses				43.02
Other Reimbursable Charges				2,195.22
Total This Task				<u>67,908.40 USD</u>

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00004 - Permitting and Compliance	5 - Task 00004

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Santos, Leonela	1.90	Hours	54.00 ✓	102.60
De Sonier, James	9.00	Hours	74.00 ✓	666.00
Antczak, Bridget	1.00	Hours	131.00 ✓	131.00
Fuller, Andrew	14.00	Hours	136.00 ✓	1,904.00
Sanchez, Adriana	9.50	Hours	113.00 ✓	1,073.50
Cuccuini, Jeremy	6.00	Hours	131.00 ✓	786.00
	41.40			4,663.10

Other Reimbursable Charges 21.59

Total This Task 4,684.69 USD

Total This Project 84,440.59 USD

Total This Invoice 84,440.59 USD

Total This Invoice 84,440.59 USD

SES# 1122 711589 Fox# 38042839

APPROVAL STAMP

P.O. NO. 55130412 / INV. NO. 34255062

COMPANY CODE: SCOO COST CENTER _____

COST ELEMENT (GL ACCT.): 550300

ORDER: 3001017 WBS: _____

APPROVED BY: _____ EMP NO: _____

JRusan C10093 9/30/21

Transaction Details - Invoice Number 34255062

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
62553 - Jones Jackson, Legenetta project support	08/12/2021	0.50	54.00	27.00
62553 - Jones Jackson, Legenetta project support	08/13/2021	1.50	54.00	81.00
62553 - Jones Jackson, Legenetta project support	08/17/2021	1.50	54.00	81.00
23893 - Collins, Lisa cost transfers/edits	07/30/2021	1.50	54.00	81.00
23893 - Collins, Lisa project financial review	08/04/2021	1.50	54.00	81.00
23893 - Collins, Lisa project financial support	08/10/2021	1.00	54.00	54.00
23893 - Collins, Lisa project financial support	08/11/2021	0.50	54.00	27.00
24724 - Mack, David ANA project reviews	08/09/2021	0.25	136.00	34.00
24518 - Cucchini, Jeremy weekly team meeting, project coordination/PM	07/28/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy July accounting	07/29/2021	0.50	131.00	65.50
24518 - Cucchini, Jeremy team communications, invoicing/July costs, PM	08/03/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy weekly team call, LSRP follow-up on RA schedule, PM	08/04/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy July monthly progress report, invoicing and communications	08/10/2021	1.50	131.00	196.50
24518 - Cucchini, Jeremy weekly team meeting/project coordination/PM	08/11/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy cost forecasting and budgeting	08/12/2021	0.50	131.00	65.50
24518 - Cucchini, Jeremy cost forecasting and budgeting	08/13/2021	1.00	131.00	131.00
24518 - Cucchini, Jeremy August accruals and budgets	08/18/2021	1.00	131.00	131.00
		16.75		1,579.50
Total Labor				1,579.50 USD

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Postage / Shipping Charges				

0000007YY524261 06/26/2021 06/26/2021 United Parcel Service

20.33 ✓

Total Other Reimbursable Charges
20.33 USD
Total This Task
1,599.83 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00002 - Procurement Assistance	2 - Task 00002

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
38225 - Oberlander, Roseanne CAD: Update PFD figure for A. Sanchez	08/13/2021	0.50	68.00	34.00
60027 - De Sonier, James Bid Tables	07/26/2021	2.50	74.00	185.00
60027 - De Sonier, James Bid Tables	07/27/2021	2.50	74.00	185.00
60027 - De Sonier, James Bid Tables	07/28/2021	3.00	74.00	222.00
60027 - De Sonier, James Bid Tables, Meetings.	07/29/2021	2.50	74.00	185.00
60027 - De Sonier, James Bid Tables	07/30/2021	5.00	74.00	370.00
60027 - De Sonier, James Compared Bid Tables and completed Risk Table	08/02/2021	2.00	74.00	148.00
60027 - De Sonier, James Compared Bid Tables and completed Risk Table	08/03/2021	0.50	74.00	37.00
60027 - De Sonier, James Compared Bid Tables and completed Risk Table	08/05/2021	0.50	74.00	37.00
60027 - De Sonier, James Compared Bids	08/09/2021	0.50	74.00	37.00
60027 - De Sonier, James Read through new bids, emails, meeting to discuss new bids	08/10/2021	0.50	74.00	37.00
60027 - De Sonier, James Compared Bids	08/10/2021	1.00	74.00	74.00
60027 - De Sonier, James Compared Bids, Communication with GAC company	08/11/2021	2.00	74.00	148.00
60027 - De Sonier, James Read through new bids, emails, meeting to discuss new bids	08/12/2021	1.00	74.00	74.00
60027 - De Sonier, James Compared Bids, Meeting with Team	08/12/2021	2.00	74.00	148.00
60027 - De Sonier, James Emails to Team regarding TWA	08/19/2021	1.50	74.00	111.00
35562 - Fuller, Andrew Contractor review	07/29/2021	0.50	136.00	68.00
35562 - Fuller, Andrew TWA followup, bid evaln	08/02/2021	1.00	136.00	136.00
35562 - Fuller, Andrew TWA followup, bid evaln	08/03/2021	2.00	136.00	272.00
35562 - Fuller, Andrew TWA followup, bid evaln	08/04/2021	2.00	136.00	272.00

35562 - Fuller, Andrew TWA followup, bid evaln	08/06/2021	1.00	136.00	136.00
35562 - Fuller, Andrew TWA followup, bid evaln	08/22/2021	2.00	136.00	272.00
25081 - Mastrocola, Krista Bid Review and Discussion	07/26/2021	0.50	122.00	61.00
25081 - Mastrocola, Krista Bid Review and Discussion	07/27/2021	1.50	122.00	183.00
25081 - Mastrocola, Krista Bid Review and Discussion	07/29/2021	3.50	122.00	427.00
25081 - Mastrocola, Krista Bid Review and Discussion	08/02/2021	3.00	122.00	366.00
25081 - Mastrocola, Krista Bid Review and Discussion	08/03/2021	2.50	122.00	305.00
25081 - Mastrocola, Krista Bid Review and Discussion	08/04/2021	0.50	122.00	61.00
25081 - Mastrocola, Krista Review and Selection of Contractor	08/11/2021	0.50	122.00	61.00
25081 - Mastrocola, Krista Review and Selection of Contractor	08/12/2021	1.50	122.00	183.00
35671 - Maza, David review bids	07/26/2021	0.40	122.00	48.80
35671 - Maza, David client call re: bid selection	08/18/2021	0.30	122.00	36.60
24518 - Cuccuini, Jeremy bid reviews, risk summaries and team discussions/follow-up	07/26/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy bid reviews, risk summaries and team discussions/follow-up	07/27/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid reviews, risk summaries and team discussions/follow-up	07/28/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy bid reviews, risk summaries, cost comparisons and outline, and team discussions/follow-up	07/29/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid reviews, risk summaries, cost summaries and outline, and team discussions/follow-up	07/30/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy bid reviews and question development	08/02/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid reviews and question development	08/03/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid reviews and question development	08/04/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy review bidder's responses to questions	08/11/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy review bidder's responses to questions and client communications	08/12/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy bid award communications	08/13/2021	0.50	131.00	65.50
36895 - Focs, Patrick Troubleshoot/correct 2020 data	08/04/2021	1.00	93.00	93.00
24363 - Scillieri, Darren project team conference call. bid review with eng team	07/27/2021	1.00	148.00	148.00

24363 - Scillieri, Darren	07/28/2021	0.50	148.00	74.00
project team conference call, project coordination				
24363 - Scillieri, Darren	07/30/2021	1.00	148.00	148.00
project coordination, team call, contractor bids				
24363 - Scillieri, Darren	08/03/2021	1.00	148.00	148.00
project team conference call, bid review with eng team				
24363 - Scillieri, Darren	08/04/2021	0.50	148.00	74.00
project team conference call, project coordination				
24363 - Scillieri, Darren	08/11/2021	0.50	148.00	74.00
project team conference call, project coordination				
24363 - Scillieri, Darren	08/12/2021	0.50	148.00	74.00
coordination, team call re: bidder responses				
24363 - Scillieri, Darren	08/18/2021	0.50	148.00	74.00
project team conference call, project coordination				
24363 - Scillieri, Darren	08/19/2021	0.50	148.00	74.00
coordination, team call re: bidder responses				

Total Labor	<u>66.20</u>	<u>7,080.40</u>	7,080.40 USD
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Subcontracting

Invoice Number	Invoice Date	Supplier Name	Cost	Times	This Invoice
Subcontractor 1					
406834	07/26/2021	Ground Penetrating Radar Systems, LLC	2,950.00	1.0700	3,156.50
Total Subcontracting					<u>3,156.50 USD</u>

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Postage / Shipping Charges				
2021_33	08/21/2021	08/21/2021	Fedex ERS	10.77
Total Other Reimbursable Charges				<u>10.77 USD</u>
Total This Task				<u>10,247.67 USD</u>

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00003 - Recovery & Performance Monitoring Well Installation	4 - Task 00003

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35447 - Ozoroski, Mark	08/12/2021	8.00	74.00	592.00
JCP&L Boonton Frac Tank Cleanout Oversight in Boonton, NJ				
38352 - O'Neill, Paul	08/09/2021	6.00	74.00	444.00
Frack tank cleanout oversight				
38352 - O'Neill, Paul	08/10/2021	6.00	74.00	444.00
Frack tank cleanout oversight				
39026 - Kane, Raleigh	07/26/2021	8.00	93.00	744.00
Pump test summary email, empty rental vehicle, return equipment, empty site trash, return rental vehicle				
39026 - Kane, Raleigh	07/27/2021	5.50	93.00	511.50

Upload field notes and photos

39026 - Kane, Raleigh	07/28/2021	5.50	93.00	511.50
Upload field notes and photos. Begin processing transducer data.				
39026 - Kane, Raleigh	08/02/2021	5.00	93.00	465.00
Field paperwork upload and organized field photos by well location				
39026 - Kane, Raleigh	08/04/2021	5.50	93.00	511.50
Oversight of drum pick-up				
35671 - Maza, David	07/26/2021	0.40	122.00	48.80
review video logging report, related communications, review pumping test notes from Raleigh				
35671 - Maza, David	08/06/2021	0.30	122.00	36.60
review GPRS invoices, related communications				
24518 - Cucchini, Jeremy	07/26/2021	0.50	131.00	65.50
SGS drilling invoice review and follow-up				
24518 - Cucchini, Jeremy	07/27/2021	1.00	131.00	131.00
IDW disposal support				
24518 - Cucchini, Jeremy	07/30/2021	1.00	131.00	131.00
IDW disposal support				
24518 - Cucchini, Jeremy	08/09/2021	1.00	131.00	131.00
IDW disposal support and field updates				
24518 - Cucchini, Jeremy	08/11/2021	0.50	131.00	65.50
IDW disposal support and field updates				

54.20

4,832.90

Total Labor

4,832.90 USD

Subcontracting

Invoice Number	Invoice Date	Supplier Name	Cost	Times	This Invoice
Subcontractor 1					
15139097	07/28/2021	SGS North America Inc.	58,857.25	1.0700	60,837.26
Total Subcontracting					<u>60,837.26 USD</u>

Reimbursable Expenses

Expense Report Number	Report Date	Employee/Description	This Invoice
Food & Drinks			
US004161301355	07/23/2021	Kane, Raleigh/Lunch	15.07
Public Transportation			
US004161301355	07/26/2021	Kane, Raleigh/Took Uber after returning rental	27.95
Total Reimbursable Expenses			<u>43.02 USD</u>

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Tools & Equipment				
US1-210054769	07/28/2021	07/28/2021	Pine Environmental Services LLC	805.90
US1-210054780	07/28/2021	07/28/2021	Pine Environmental Services LLC	1,033.16
US1-210055474	08/02/2021	08/02/2021	Pine Environmental Services LLC	356.16
Total Other Reimbursable Charges				<u>2,195.22 USD</u>

Total This Task

67,908.40 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00004 - Permitting and Compliance	5 - Task 00004

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
37350 - Santos, Leonela JCPL Boonton permit recording	06/29/2021	0.70	54.00	37.80
37350 - Santos, Leonela recording notice communication	08/10/2021	0.50	54.00	27.00
37350 - Santos, Leonela morris county permit recording support	08/12/2021	0.70	54.00	37.80
60027 - De Sonier, James SESC Permit Figures/Edits	06/29/2021	3.50	74.00	259.00
60027 - De Sonier, James Reached out to NJDEP TWA.	07/19/2021	0.50	74.00	37.00
60027 - De Sonier, James Reached out to NJDEP TWA.	07/20/2021	0.50	74.00	37.00
60027 - De Sonier, James Reached out to NJDEP TWA.	07/21/2021	1.00	74.00	74.00
60027 - De Sonier, James Reached out to NJDEP TWA.	07/22/2021	0.50	74.00	37.00
60027 - De Sonier, James Reached out to NJDEP TWA.	07/23/2021	1.00	74.00	74.00
60027 - De Sonier, James Communication attempt with NJDEP regarding TWA	07/26/2021	1.50	74.00	111.00
60027 - De Sonier, James Read through new bids, emails. meeting to discuss new bids	08/11/2021	0.50	74.00	37.00
23873 - Antczak, Bridget follow=up w/NJDEP on air permitting status	08/10/2021	0.50	131.00	65.50
23873 - Antczak, Bridget follow=up w/NJDEP on air permitting status	08/11/2021	0.50	131.00	65.50
35562 - Fuller, Andrew TWA followup, well construction	07/15/2021	1.00	136.00	136.00
35562 - Fuller, Andrew TWA followup, well construction	07/16/2021	1.00	136.00	136.00
35562 - Fuller, Andrew TWA followup, well construction	07/19/2021	1.00	136.00	136.00
35562 - Fuller, Andrew TWA followup, well construction	07/21/2021	0.50	136.00	68.00
35562 - Fuller, Andrew TWA followup, well construction	07/26/2021	0.50	136.00	68.00
35562 - Fuller, Andrew TWA followup, bid evaln	08/11/2021	1.00	136.00	136.00
35562 - Fuller, Andrew TWA followup, bid evaln	08/12/2021	2.00	136.00	272.00
35562 - Fuller, Andrew TWA followup, bid evaln	08/17/2021	2.00	136.00	272.00
35562 - Fuller, Andrew TWA followup, bid evaln	08/18/2021	4.00	136.00	544.00

35562 - Fuller, Andrew TWA followup, bid evaln	08/19/2021	1.00	136.00	136.00
38481 - Sanchez, Adriana RFPs comments, TWA	07/01/2021	1.00	113.00	113.00
38481 - Sanchez, Adriana RFPs comments, TWA	07/02/2021	0.50	113.00	56.50
38481 - Sanchez, Adriana project call - bid	07/26/2021	1.00	113.00	113.00
38481 - Sanchez, Adriana quote review	07/28/2021	2.00	113.00	226.00
38481 - Sanchez, Adriana project call	07/29/2021	1.00	113.00	113.00
38481 - Sanchez, Adriana project call - bid	08/02/2021	0.50	113.00	56.50
38481 - Sanchez, Adriana Air permit information	08/09/2021	1.00	113.00	113.00
38481 - Sanchez, Adriana dwgs for air permit	08/10/2021	1.00	113.00	113.00
38481 - Sanchez, Adriana Bidder evaluation and project call	08/12/2021	1.50	113.00	169.50
24518 - Cuccuini, Jeremy TWA support and follow-up on signatures	06/21/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy NJDEP TWA administrative response	07/02/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy TWA support	07/06/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy review NJDEP TWA admin review response, internal follow-up	07/15/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy TWA support	07/20/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy TWA support/Air permit follow-up	07/26/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy TWA support/Air permit follow-up	07/27/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy TWA follow-up	08/02/2021	0.50	131.00	65.50
		41.40		4,663.10
Total Labor				4,663.10 USD
Other Reimbursable Charges				
Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Postage / Shipping Charges				
2021_26	07/02/2021	07/02/2021	Fedex ERS	10.77 ✓
2021_32	08/14/2021	08/14/2021	Fedex ERS	10.82 ✓
Total Other Reimbursable Charges				21.59 USD
Total This Task				4,684.69 USD
Total This Project				84,440.59 USD

Total This Invoice

84,440.59 USD

Total This Invoice

84,440.59 USD

**Table 1
Action Plan as of 15 September 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/08	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cucchini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cucchini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cucchini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cucchini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cucchini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cucchini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cucchini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cucchini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cucchini, Dave Maza	NA	Submitted April 2016	Submitted

**Table 1
Action Plan as of 15 September 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cucchini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cucchini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cucchini, Dave Maza	NA	Complete	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set at issued for Bid and Permit as of June 2021.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cucchini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with approved permit received in June 2021. SESP submitted in June 2021. NJPDES TWA submitted in June 2021. Air permit submitted in May 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cucchini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

**Table 1
Action Plan as of 15 September 2021
Boonton, New Jersey, Former MGP Site**

Groundwater Treatment System Recovery Well Installation	ARCADIS – Jeremy Cuccini, Dave Maza	7/30/21	Complete	Recovery wells RW-3, RW-6, RW-7 and RW-8 installed in April/May 2021. Remaining recovery wells RW-2, RW-4 and RW-5 installed in mid-July 2021. Final contractor selection expected in August 2021, with system construction mobilization anticipated in September 2021.
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JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2020				2021				2022				2023				2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Boonton, NJ Former MGP Site Remediation	Fri 1/10/03	Fri 1/31/25																				
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18																				
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18																				
29	Groundwater RAWP Implementation	Thu 1/9/20	Wed 2/8/23																				
30	Pre-Design Investigation	Thu 1/9/20	Wed 9/30/20																				
31	Design Process	Thu 10/1/20	Wed 3/17/21																				
32	Procurement	Thu 3/18/21	Wed 6/16/21																				
40	Implementation	Thu 6/17/21	Wed 9/22/21																				
44	Post Remedial Action Activities	Thu 9/23/21	Wed 2/8/23																				
54	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
55	Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
60	Supplemental Soil RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
61	RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
71	Supplemental Soil RAWP Implementation	Mon 9/13/21	Fri 1/20/23																				
72	Procurement	Mon 4/11/22	Fri 7/22/22																				
77	Implementation	Mon 9/13/21	Fri 11/4/22																				
83	Post Remedial Action Activities	Mon 4/4/22	Fri 1/20/23																				
92	Groundwater OM&M	Mon 10/4/21	Fri 1/31/25																				

Project: Boonton Date: Thu 4/8/21	Task		External MileTask		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	[
	Summary		Inactive Summary		Finish-only]
	Project Summary		Manual Task		Progress	
	External Tasks		Duration-only		Split	↓

Table 3
Budget Status for Site Remediation through 22 August 2021
Boonton Former MGP Site
Boonton, New Jersey

Purchase Order No. 65130412

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET	CURRENT TASK BUDGET	CURRENT INVOICE AMOUNT	OUT OF SCOPE WORK THIS PERIOD	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
Phase 1, Site Remediation									
1	Project Management	30,030	30,030	1,600	0	12,351	13,951	16,079	48%
2	Procurement Assistance	42,681	49,475	10,248	0	36,762	47,010	2,465	95%
3	Recovery and Performance Monitoring Well Installation	272,737	297,052	67,908	0	225,942	293,850	3,202	98%
4	Permitting and Compliance	18,311	18,311	4,685	0	0	4,685	13,626	26%
5	Remedial Construction Support	132,118	132,118	0	0	0	0	132,118	0%
6	Soil Remedial Alternatives Support	13,808	13,808	0	0	0	0	13,808	0%
TOTALS (\$):		509,685	540,794	84,441	0	275,055	359,496	181,298	66%

Notes:

1. Work authorized by Purchase Order Number 55130412 dated 2/16/21 in accordance with the Arcadis Proposal dated 2/16/2021.
2. Task 3 authorized for \$272,377 per Change Order #1 dated 4/22/2021 based on Arcadis proposal dated 2/16/2021.
3. Updates to compensation in the amount of \$195,345 added to the project budget per the Arcadis proposal dated 8/12/2021 (including new task 4, task 5 and task 6), and as approved by JCP&L Change Order #2 dated 8/30/2021.

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

Subject:
Monthly Progress Report (MPR) – August 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 26 July 2021 and ending 22 August 2021. This report is compliant with the requirements of Purchase Order Number 55130412 between JCP&L and Arcadis, and pursuant to the specified Scope of Work.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.
- Ongoing support with NJPDES discharge permitting (TWA) and air permitting. Respond to NJDEP administrative review of TWA permit and follow-up.
- Ongoing procurement assistance associated with pending groundwater treatment system construction, including submittal of the associated bid package addendum addressing questions, review final contractor bids and associated evaluations and recommendations for JCP&L Project Management.
- Process final driller subcontractor invoicing for the recovery well installations associated with RW-2, RW-4 and RW-5. Process and evaluate short duration

ENVIRONMENT

Date:
15 September 2021

Contact:
Jeremy Cuccuini

Phone:
609.366.9033

Email:
Jeremy.cuccuini@arcadis-us.com

Our ref:
300083906

pumping test data and yields. Process subcontractor invoicing for storm sewer cleanout and inspection video logging.

- **Oversee final T&D of onsite investigative derived waste associated with the recovery well installations.**

The most recent MPR for July 2021 was submitted on 10 August 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 October 2021.

Section 3: Action Plan

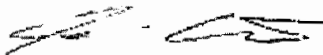
Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 September 2021 through 15 November 2021).

The overall project budget for the current phases of work under PO 55130412 including Task 1 Project Management, Task 2 Procurement Assistance, Task 3 Recovery and Performance Monitoring Well Recovery, Task 4 Permitting and Compliance, Task 5 Remedial Construction Support and Task 6 Soil Remedial Alternatives Support is shown on Table 2. Table 2 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cuccuini
Certified Project Manager

Copies:

D. Scillieri, Arcadis
D. Maza, Arcadis

INVOICE

Jersey Central Power and Light Company
 Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009
 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

RECEIVED
 OCT 14 2021

Environmental Department

Invoice Date	13-Oct-2021	Invoice Number	34260774
Due Date	27-Nov-2021	Payment Term	45 days
PO# 55130412			
Arcadis Reference Number	30083906	Project Number	30083906
Arcadis Reference Name	30083906 - JCPL Boonton	Project Name	30083906 - JCPL Boonton
Services Through	19-Sep-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 19-Sep-2021

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Jones Jackson, Legenetta	2.30	Hours	54.00 ✓	124.20
Collins, Lisa	4.50	Hours	54.00 ✓	243.00
Cuccuini, Jeremy	12.00	Hours	131.00 ✓	1,572.00
Scillieri, Darren	1.50	Hours	148.00 ✓	222.00
	20.30			2,161.20

Total This Task **2,161.20 USD**

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00002 - Procurement Assistance	2 - Task 00002

approval stamp on page 3

Bank Name BANK OF AMERICA N.A. Bank/Branch Code BOFA-026009593
 Account No. 8188093937 SWIFT BOFAUS3N
 Remittance Address: Remit-Mailbox@arcadis-us.com
 Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Oberlander, Roseanne	2.50	Hours	68.00 ✓	170.00
Mastrocola, Krista	0.50	Hours	122.00 ✓	61.00
Cuccuini, Jeremy	5.00	Hours	131.00 ✓	655.00
Scilieri, Darren	1.00	Hours	148.00 ✓	148.00
	<u>9.00</u>			<u>1,034.00</u>

Total This Task **1,034.00 USD**

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00003 - Recovery & Performance Monitoring Well Installation	4 - Task 00003

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Maza, David	0.20	Hours	122.00 ✓	24.40
	<u>0.20</u>			<u>24.40</u>

Total This Task **24.40 USD**

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00004 - Permitting and Compliance	5 - Task 00004

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Rivera, Victoria	0.20	Hours	54.00 ✓	10.80
Oberlander, Roseanne	3.60	Hours	68.00 ✓	244.80
De Sonier, James	3.00	Hours	74.00 ✓	222.00
Antczak, Bridget	1.00	Hours	131.00 ✓	131.00
Fuller, Andrew	8.00	Hours	136.00 ✓	1,088.00
Sanchez, Adriana	0.50	Hours	113.00 ✓	56.50
Mastrocola, Krista	4.00	Hours	122.00 ✓	488.00
Maza, David	0.20	Hours	122.00 ✓	24.40
Cuccuini, Jeremy	5.00	Hours	131.00 ✓	655.00
	<u>25.50</u>			<u>2,920.50</u>

Other Reimbursable Charges

78.25

Total This Task

2,998.75 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00006 - Soil Remedial Alternatives Support	7 - Task 00006

Labor

<u>Employee Name</u>	<u>Quantity</u>	<u>UOM</u>	<u>Rate</u>	<u>This Invoice</u>
Maza, David	3.30	Hours	122.00 ✓	402.60
Cuccuini, Jeremy	3.50	Hours	131.00 ✓	458.50
	<u>6.80</u>			<u>861.10</u>
Total This Task				<u>861.10 USD</u>
Total This Project				<u>7,079.45 USD</u>
Total This Invoice				<u>7,079.45 USD</u>
	Total This Invoice			<u>7,079.45 USD</u>

SYS # 1122877873 Fax # 38047457
APPROVAL STAMP

P.O. NO. 55130412 / INV. NO. 34260774

COMPANY CODE: SCOO COST CENTER _____

COST ELEMENT (GL ACCT.): 550300

ORDER: 3001017 WBS: _____

APPROVED BY: _____ EMP NO: _____

J. Russo C10093 10/28/21

Transaction Details - Invoice Number 34260774

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
62553 - Jones Jackson, Legenetta	09/14/2021	1.00	54.00	54.00
project support				
62553 - Jones Jackson, Legenetta	09/15/2021	1.30	54.00	70.20
project support				
23893 - Collins, Lisa	09/01/2021	2.00	54.00	108.00
edit project and contract information with new compensation from change order				
23893 - Collins, Lisa	09/02/2021	2.00	54.00	108.00
forecast project				
23893 - Collins, Lisa	09/15/2021	0.50	54.00	27.00
invoice review				
24518 - Cucchini, Jeremy	08/25/2021	1.50	131.00	196.50
weekly team call, PM/project coordination				
24518 - Cucchini, Jeremy	08/26/2021	2.00	131.00	262.00
project schedule, RA timeframe follow-up with LSRP and soil RA alternatives evaluation				
24518 - Cucchini, Jeremy	08/30/2021	1.00	131.00	131.00
PM/coordination/process PO				
24518 - Cucchini, Jeremy	09/01/2021	1.50	131.00	196.50
weekly team call, PM/project coordination				
24518 - Cucchini, Jeremy	09/02/2021	0.50	131.00	65.50
process PO				
24518 - Cucchini, Jeremy	09/08/2021	1.50	131.00	196.50
weekly team call, PM/project coordination, process PO and budget updates				
24518 - Cucchini, Jeremy	09/10/2021	1.00	131.00	131.00
project coordination and invoicing				
24518 - Cucchini, Jeremy	09/13/2021	1.00	131.00	131.00
August monthly progress report, invoicing and budgets				
24518 - Cucchini, Jeremy	09/14/2021	1.00	131.00	131.00
August monthly progress report, invoicing and budgets				
24518 - Cucchini, Jeremy	09/15/2021	1.00	131.00	131.00
weekly team meeting, project management support and follow-up				
24363 - Scillieri, Darren	09/01/2021	0.50	148.00	74.00
project team meeting				
24363 - Scillieri, Darren	09/08/2021	0.50	148.00	74.00
project coordination, team conference call				
24363 - Scillieri, Darren	09/15/2021	0.50	148.00	74.00
project coordination, team conference call				
		20.30		2,161.20
Total Labor				2,161.20 USD
Total This Task				2,161.20 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00002 - Procurement Assistance	2 - Task 00002

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
38225 - Oberlander, Roseanne CAD: Updated drawings for J. DeSonier	08/31/2021	2.50	68.00	170.00
25081 - Mastrocola, Krista Discuss next steps for mobilization	09/01/2021	0.50	122.00	61.00
24518 - Cuccuini, Jeremy final bid evaluation correspondence for JCP&L project management review	08/23/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy final bid evaluation correspondence for JCP&L project management review	08/24/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy procurement support and schedule review	08/30/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy procurement support and schedule review	09/02/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy procurement support	09/07/2021	0.50	131.00	65.50
24518 - Cuccuini, Jeremy team communications and follow-up	09/10/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy procurement support, client contacts/updates	09/14/2021	0.50	131.00	65.50
24363 - Scillieri, Darren project team conference call, project coordination	08/25/2021	0.50	148.00	74.00
24363 - Scillieri, Darren coordination, team call re: bidder responses	08/26/2021	0.50	148.00	74.00
		9.00		1,034.00
Total Labor				1,034.00 USD

Total This Task **1,034.00 USD**

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00003 - Recovery & Performance Monitoring Well Installation	4 - Task 00003

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35671 - Maza, David follow up re: field notes, well logs, and transducer data	08/26/2021	0.20	122.00	24.40
		0.20		24.40

Total Labor **24.40 USD**

Total This Task **24.40 USD**

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00004 - Permitting and Compliance	5 - Task 00004

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
60092 - Rivera, Victoria Ordered and Organized ARC Boonton Figures	08/27/2021	0.20	54.00	10.80
38225 - Oberlander, Roseanne CAD: Update SESC drawings for K. Mastrocola	08/24/2021	2.80	68.00	190.40
38225 - Oberlander, Roseanne CAD: Update SESC drawings for K. Mastrocola	08/26/2021	0.80	68.00	54.40
60027 - De Sonier, James SESC Boonton Drawing Edits	08/23/2021	1.50	74.00	111.00
60027 - De Sonier, James SESC Boonton Drawing Edits	08/24/2021	1.00	74.00	74.00
60027 - De Sonier, James Drawing Edits/markups to CAD staff	08/30/2021	0.50	74.00	37.00
23873 - Antczak, Bridget review draft air permit from NJDEP and provide comments	09/01/2021	1.00	131.00	131.00
35562 - Fuller, Andrew Contractor eval'n, SESCO, TWA	08/23/2021	2.00	136.00	272.00
35562 - Fuller, Andrew Contractor eval'n, SESCO, TWA	08/24/2021	2.50	136.00	340.00
35562 - Fuller, Andrew SESCO revisions prep	08/30/2021	0.50	136.00	68.00
35562 - Fuller, Andrew SESCO revisions prep	08/31/2021	1.00	136.00	136.00
35562 - Fuller, Andrew SESCO revisions prep	09/01/2021	0.50	136.00	68.00
35562 - Fuller, Andrew permitting	09/09/2021	0.50	136.00	68.00
35562 - Fuller, Andrew air permitting	09/13/2021	0.50	136.00	68.00
35562 - Fuller, Andrew SESCO cert'n	09/15/2021	0.50	136.00	68.00
38481 - Sanchez, Adriana air permitting	09/01/2021	0.50	113.00	56.50
25081 - Mastrocola, Krista Review and Finalize SESC RTC	08/23/2021	2.50	122.00	305.00
25081 - Mastrocola, Krista Review and Finalize SESC RTC	08/24/2021	0.50	122.00	61.00
25081 - Mastrocola, Krista Review and Finalize SESC RTC	08/25/2021	0.50	122.00	61.00
25081 - Mastrocola, Krista Review and Finalize SESC RTC	08/26/2021	0.50	122.00	61.00
35671 - Maza, David communications re: final design drawings	08/24/2021	0.20	122.00	24.40
24518 - Cuccuini, Jeremy SESCO, TWA follow-up with NJDEP and air permit review updates	08/23/2021	1.00	131.00	131.00
24518 - Cuccuini, Jeremy	08/24/2021	1.00	131.00	131.00

Total This Project

7,079.45 USD

Total This Invoice

7,079.45 USD

Total This Invoice

7,079.45 USD

**Table 1
Action Plan as of 15 October 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2018	Submitted

**Table 1
Action Plan as of 15 October 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cucchini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cucchini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cucchini, Dave Maza	NA	Complete	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set at Issued for Bid and Permit as of June 2021.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cucchini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with approved permit received in June 2021. SESCO submitted in June 2021. NJPDES TWA submitted in June 2021. Air permit submitted in May 2021.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cucchini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.
Groundwater Treatment System Recovery Well Installation	ARCADIS – Jeremy Cucchini, Dave Maza	7/30/21	Complete	Recovery wells RW-3, RW-6, RW-7 and RW-8 installed in April/May 2021. Remaining recovery wells RW-2, RW-4 and RW-5 installed in mid-July 2021. Final contractor selection expected in August 2021, with

**Table 1
Action Plan as of 15 October 2021
Boonton, New Jersey, Former MGP Site**

				system construction mobilization anticipated in September 2021.
Groundwater Treatment System Installation and Start-Up	ARCADIS – Jeremy Cucuini, Andy Fuller	NA	Ongoing	Groundwater Treatment and Technology slated for mobilization the week of October 25, 2021, with construction expected thru Q1 2022, with system startup/shakedown and operation slated for later in Q1 2022.

Table 3
Budget Status for Site Remediation through 19 September 2021
Boonton Former MGP Site
Boonton, New Jersey
Purchase Order No. 55130412

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET ¹	CURRENT TASK BUDGET ²	CURRENT INVOICE AMOUNT	OUT OF SCOPE WORK THIS PERIOD	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
<i>Phase 1, Site Remediation</i>									
1	Project Management	30,030	30,030	2,161	0	13,851	16,112	13,918	54%
2	Procurement Assistance	42,681	49,475	1,034	0	47,010	48,044	1,431	97%
3	Recovery and Performance Monitoring Well Installation	272,737	297,052	24	0	293,850	293,874	3,178	99%
4	Permitting and Compliance	18,311	18,311	2,999	0	4,685	7,684	10,627	42%
5	Remedial Construction Support	132,118	132,118	0	0	0	0	132,118	0%
6	Soil Remedial Alternatives Support	13,808	13,808	861	0	0	861	12,947	6%
7	Licensed Site Remediation Professional (LSRP)	16,330	16,330	1,700	0	830	2,530	13,800	15%
TOTALS (\$):		528,015	557,124	8,779	0	350,328	389,106	174,219	66%

Notes:

1. Work authorized by Purchase Order Number 55130412 dated 2/16/21 in accordance with the Arcadis Proposal dated 2/16/2021.
2. Task 3 authorized for \$272,377 per Change Order #1 dated 4/22/2021 based on Arcadis proposal dated 2/16/2021.
3. Updates to compensation in the amount of \$195,345 added to the project budget per the Arcadis proposal dated 8/12/2021 (including new task 4, task 5, task 6 and task 7), and as approved by JCP&L Change Order #2 dated 8/30/2021.

JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2020				2021				2022				2023				2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Boonton, NJ Former MGP Site Remediation	Fri 1/10/03	Fri 1/31/25																				
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18																				
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18																				
29	Groundwater RAWP Implementation	Thu 1/9/20	Wed 2/8/23																				
30	Pre-Design Investigation	Thu 1/9/20	Wed 9/30/20																				
31	Design Process	Thu 10/1/20	Wed 3/17/21																				
32	Procurement	Thu 3/18/21	Wed 6/16/21																				
40	Implementation	Thu 6/17/21	Wed 9/22/21																				
44	Post Remedial Action Activities	Thu 9/23/21	Wed 2/8/23																				
54	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
55	Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
60	Supplemental Soil RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
61	RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
71	Supplemental Soil RAWP Implementation	Mon 9/13/21	Fri 1/20/23																				
72	Procurement	Mon 4/11/22	Fri 7/22/22																				
77	Implementation	Mon 9/13/21	Fri 11/4/22																				
83	Post Remedial Action Activities	Mon 4/4/22	Fri 1/20/23																				
92	Groundwater OM&M	Mon 10/4/21	Fri 1/31/25																				

Project: Boonton
 Date: Thu 4/8/21

Task		External MileTask		Manual Summary Rollup	
Split		Inactive Task		Manual Summary	
Milestone		Inactive Milestone		Start-only	
Summary		Inactive Summary		Finish-only	
Project Summary		Manual Task		Progress	
External Tasks		Duration-only		Split	

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Subject:
Monthly Progress Report (MPR) – September 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 23 August 2021 and ending 19 September 2021. This report is compliant with the requirements of Purchase Order Number 55130412 between JCP&L and Arcadis, and pursuant to the specified Scope of Work.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.
- Ongoing support with NJPDES discharge permitting (TWA) and air permitting. Respond to NJDEP administrative review of TWA permit and follow-up. Process received Air permit and update permit register with conditions listed.
- Ongoing procurement assistance associated with pending groundwater treatment system construction, including communications with GWTT and submittal inquiries.
- Ongoing evaluations of site soil conditions and remedial alternatives to address remaining on and offsite soil impacts. .

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

ENVIRONMENT

Date:
13 October 2021

Contact:
Jeremy Cuccuini

Phone:
609.366.9033

Email:
Jeremy.cuccuini@arcadis-us.com

Our ref:
300083906

The most recent MPR for August 2021 was submitted on 14 September 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 November 2021.

Section 3: Action Plan

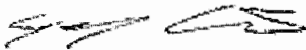
Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 October 2021 through 15 December 2021).

The overall project budget for the current phases of work under PO 55130412 including Task 1 Project Management, Task 2 Procurement Assistance, Task 3 Recovery and Performance Monitoring Well Recovery, Task 4 Permitting and Compliance, Task 5 Remedial Construction Support and Task 6 Soil Remedial Alternatives Support is shown on Table 2. Table 2 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cucuini
Certified Project Manager

Copies:

D. Scillieri, Arcadis
D. Maza, Arcadis

INVOICE

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Invoice Date	12-Nov-2021	Invoice Number	34266341
Due Date	27-Dec-2021	Payment Term	45 days
PO# 55130412			
Arcadis Reference Number	30083906	Project Number	30083906
Arcadis Reference Name	30083906 - JCPL Boonton	Project Name	30083906 - JCPL Boonton
Services Through	24-Oct-2021	Project Manager	Jeremy Cuccuini
	<i>document 11/12/21</i>	Client Contact	Jennifer Rusu

Professional Services to 24-Oct-2021

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Jones Jackson, Legenetta	2.70	Hours	54.00 ✓	145.80
Collins, Lisa	3.80	Hours	54.00 ✓	205.20
Cuccuini, Jeremy	13.00	Hours	136.00 ✓	1,768.00
Scillieri, Darren	6.50	Hours	148.00 ✓	962.00
	26.00			3,081.00

Reimbursable Expenses

67.20

Total This Task

3,148.20 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00002 - Procurement Assistance	2 - Task 00002

approval stamp on page 3

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
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Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.			

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
De Sonier, James	1.00	Hours	74.00 ✓	74.00
Fuller, Andrew	2.50	Hours	136.00 ✓	340.00
Sanchez, Adriana	1.00	Hours	113.00 ✓	113.00
Mastrocola, Krista	1.25	Hours	122.00 ✓	152.50
Maza, David	0.80	Hours	122.00 ✓	97.60
Cuccuini, Jeremy	5.00	Hours	136.00 ✓	680.00
	<u>11.55</u>			<u>1,457.10</u>

Total This Task **1,457.10 USD**

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00003 - Recovery & Performance Monitoring Well Installation	4 - Task 00003

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Kane, Raleigh	0.80	Hours	93.00 ✓	74.40
	<u>0.80</u>			<u>74.40</u>

Other Reimbursable Charges **138.17**

Total This Task **212.57 USD**

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00004 - Permitting and Compliance	5 - Task 00004

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
De Sonier, James	1.50	Hours	74.00 ✓	111.00
Fuller, Andrew	1.50	Hours	136.00 ✓	204.00
Sanchez, Adriana	1.00	Hours	113.00 ✓	113.00
Steinberger, George	14.50	Hours	113.00 ✓	1,638.50
Cuccuini, Jeremy	10.00	Hours	136.00 ✓	1,360.00
	<u>28.50</u>			<u>3,426.50</u>

Total This Task **3,426.50 USD**

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00005 - Remedial Construction Support	6 - Task 00005

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
De Sonier, James	9.50	Hours	74.00 ✓	703.00
Fuller, Andrew	6.50	Hours	136.00 ✓	884.00
Comrie, Nicholas	5.00	Hours	113.00 ✓	565.00
Sanchez, Adriana	17.00	Hours	113.00 ✓	1,921.00
Mastrocola, Krista	18.00	Hours	122.00 ✓	2,196.00
Maza, David	0.20	Hours	122.00 ✓	24.40
Cuccuini, Jeremy	16.50	Hours	136.00 ✓	2,244.00
Bean, Veronica	3.00	Hours	100.00 ✓	300.00
	<u>75.70</u>			<u>8,837.40</u>
Reimbursable Expenses				84.00
Total This Task				<u>8,921.40 USD</u>

Project: 30083906 - 30083906 - JCPL Boonton Task: 00006 - Soil Remedial Alternatives Support Contract Line: 7 - Task 00006

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Ozoroski, Mark	2.50	Hours	74.00 ✓	185.00
Maza, David	1.50	Hours	122.00 ✓	183.00
Bean, Veronica	1.20	Hours	100.00 ✓	120.00
	<u>5.20</u>			<u>488.00</u>

Total This Task *SFS# 1123024668 PO# 38041595*
APPROVAL STAMP
488.00 USD

Total This Project P.O. NO. 55130412/1 INV. NO. 34266341
17,653.77 USD

Total This Invoice COMPANY CODE SCOPE COST CENTER _____
 COS ELEMENT (GLACCT): 550300
17,653.77 USD

ORDER: 3001017 WBS: _____
 APPROVED BY: _____ Total This Invoice 17,653.77 USD
 EMP NO: _____

J. Russo C10093 11/21/21

Transaction Details - Invoice Number 34266341

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
62553 - Jones Jackson, Legenetta project support	10/08/2021	0.70	54.00	37.80
62553 - Jones Jackson, Legenetta project support	10/13/2021	1.50	54.00	81.00
62553 - Jones Jackson, Legenetta project support	10/14/2021	0.50	54.00	27.00
23893 - Collins, Lisa edit rate schedule	09/22/2021	0.80	54.00	43.20
23893 - Collins, Lisa edit contract and forecast project with change order	09/27/2021	1.50	54.00	81.00
23893 - Collins, Lisa edit project	09/30/2021	0.50	54.00	27.00
23893 - Collins, Lisa invoice review	10/15/2021	1.00	54.00	54.00
24518 - Cucchini, Jeremy sept accruals and budget review	09/21/2021	1.50	136.00	204.00
24518 - Cucchini, Jeremy weekly team call, pm support and project coordination	09/22/2021	1.50	136.00	204.00
24518 - Cucchini, Jeremy weekly team meeting, follow-up communications, client communications and general PM	09/29/2021	1.50	136.00	204.00
24518 - Cucchini, Jeremy budget and PO management	09/30/2021	1.50	136.00	204.00
24518 - Cucchini, Jeremy weekly team call/project coordination/PM	10/06/2021	1.00	136.00	136.00
24518 - Cucchini, Jeremy September invoicing/budgets	10/07/2021	1.00	136.00	136.00
24518 - Cucchini, Jeremy weekly team meeting, September Monthly Progress Report, cost tables and schedule review, invoice support/PM	10/13/2021	2.50	136.00	340.00
24518 - Cucchini, Jeremy pull October accrual numbers and budgeting	10/18/2021	0.50	136.00	68.00
24518 - Cucchini, Jeremy weekly team call/PM, project coordination and communications	10/20/2021	1.00	136.00	136.00
24518 - Cucchini, Jeremy finalize and send across October accrual info to JCP&L Project Management	10/21/2021	1.00	136.00	136.00
24363 - Scillieri, Darren project coordination, team conference call	09/22/2021	0.50	148.00	74.00
24363 - Scillieri, Darren project coordination, team conference call	09/29/2021	0.50	148.00	74.00
24363 - Scillieri, Darren project coordination, team conference call	10/06/2021	0.50	148.00	74.00
24363 - Scillieri, Darren project coordination, team conference call	10/13/2021	0.50	148.00	74.00
24363 - Scillieri, Darren	10/14/2021	4.00	148.00	592.00

site visit, pre-construction meeting with contractor, client and property owner

24363 - Scillieri, Darren	10/20/2021	0.50	148.00	74.00
project team meeting, coordination				

26.00

3,081.00

Total Labor

3,081.00 USD

Reimbursable Expenses

Expense Report Number	Report Date	Employee/Description	This Invoice
Car Mileage			
US004559916523	10/14/2021	Cuccuini, Jeremy/site visit mileage 125 miles round trip	67.20 ✓
Total Reimbursable Expenses			67.20 USD

Total This Task

3,148.20 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00002 - Procurement Assistance	2 - Task 00002

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
60027 - De Sonier, James Meeting to discuss project status and path forward	09/27/2021	1.00	74.00	74.00
35562 - Fuller, Andrew electrical service followup	09/20/2021	1.00	136.00	136.00
35562 - Fuller, Andrew electrical service followup	09/22/2021	1.00	136.00	136.00
35562 - Fuller, Andrew construction prep'n	09/27/2021	0.50	136.00	68.00
38481 - Sanchez, Adriana Project Call	09/27/2021	1.00	113.00	113.00
25081 - Mastrocola, Krista Prepare IFC Drawings	09/27/2021	0.75	122.00	91.50
25081 - Mastrocola, Krista Prepare IFC Drawings	09/28/2021	0.50	122.00	61.00
35671 - Maza, David team call re: contracting and construction prep	09/27/2021	0.80	122.00	97.60
24518 - Cuccuini, Jeremy GWTT contacts on schedule and contract updates	09/20/2021	1.00	136.00	136.00
24518 - Cuccuini, Jeremy GWTT contacts on schedule and contract updates	09/24/2021	2.50	136.00	340.00
24518 - Cuccuini, Jeremy GWTT contacts on schedule and contract updates	09/27/2021	1.50	136.00	204.00
			11.55	1,457.10

Total Labor

1,457.10 USD

Total This Task

1,457.10 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00003 - Recovery & Performance Monitoring Well Installation	4 - Task 00003

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
39026 - Kane, Raleigh Shot coordinates of recovery well locations	10/01/2021	0.80	93.00	74.40
		<u>0.80</u>		<u>74.40</u>
Total Labor				74.40 USD

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Tools & Equipment				
US1-210072384	10/08/2021	10/08/2021	Pine Environmental Services LLC	✓ 138.17
Total Other Reimbursable Charges				138.17 USD
Total This Task				212.57 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00004 - Permitting and Compliance	5 - Task 00004

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
60027 - De Sonier, James Permit Task List	10/15/2021	1.50	74.00	111.00
35562 - Fuller, Andrew contractor coordination, permitting status, scheduling	10/11/2021	1.00	136.00	136.00
35562 - Fuller, Andrew contractor coordination, permitting status, scheduling	10/13/2021	0.50	136.00	68.00
38481 - Sanchez, Adriana permit review/matrix	10/13/2021	1.00	113.00	113.00
37555 - Steinberger, George Retrieve/organize all construction drawings to date for K. Mastrocola	09/28/2021	1.00	113.00	113.00
37555 - Steinberger, George Retrieve/organize all construction drawings to date for K. Mastrocola	09/29/2021	2.00	113.00	226.00
37555 - Steinberger, George Design edits for K. Mastrocola	10/08/2021	1.00	113.00	113.00
37555 - Steinberger, George Design edits for K. Mastrocola	10/13/2021	1.00	113.00	113.00
37555 - Steinberger, George Design edits for K. Mastrocola	10/14/2021	5.50	113.00	621.50
37555 - Steinberger, George Design edits for K. Mastrocola	10/15/2021	2.00	113.00	226.00
37555 - Steinberger, George issued for Construction edits for K. Mastrocola	10/20/2021	2.00	113.00	226.00
24518 - Cucchini, Jeremy	09/20/2021	0.50	136.00	68.00

air permit support

24518 - Cucchini, Jeremy	09/24/2021	1.00	136.00	136.00
permitting support, team communication on status updates, TWA follow-up				
24518 - Cucchini, Jeremy	09/28/2021	1.50	136.00	204.00
air permit review and matrix evaluation				
24518 - Cucchini, Jeremy	10/01/2021	1.00	136.00	136.00
air permit review and matrix evaluation				
24518 - Cucchini, Jeremy	10/04/2021	2.50	136.00	340.00
Permitting support				
24518 - Cucchini, Jeremy	10/05/2021	1.00	136.00	136.00
Permitting support				
24518 - Cucchini, Jeremy	10/11/2021	1.00	136.00	136.00
Permitting support/matrix				
24518 - Cucchini, Jeremy	10/22/2021	1.50	136.00	204.00
Permit Matrix coordination and follow-up				

28.50

3,426.50

Total Labor

3,426.50 USD

Total This Task

3,426.50 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00005 - Remedial Construction Support	6 - Task 00005

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
60027 - De Sonier, James	10/06/2021	6.00	74.00	444.00
Submittal Review				
60027 - De Sonier, James	10/12/2021	1.00	74.00	74.00
Communication with Team, Submittals Review				
60027 - De Sonier, James	10/13/2021	1.50	74.00	111.00
Communication with Team, Submittals Review				
60027 - De Sonier, James	10/14/2021	1.00	74.00	74.00
Communication with Team, Submittals Review				
35562 - Fuller, Andrew	09/30/2021	0.50	136.00	68.00
construction prep'n				
35562 - Fuller, Andrew	10/01/2021	0.50	136.00	68.00
construction prep'n				
35562 - Fuller, Andrew	10/04/2021	1.00	136.00	136.00
construction kickoff				
35562 - Fuller, Andrew	10/14/2021	0.50	136.00	68.00
contractor coordination, permitting status, scheduling				
35562 - Fuller, Andrew	10/15/2021	1.00	136.00	136.00
contractor coordination, permitting status, scheduling				
35562 - Fuller, Andrew	10/19/2021	0.50	136.00	68.00
Contractor coord'n, submittals				
35562 - Fuller, Andrew	10/20/2021	1.00	136.00	136.00
Contractor coord'n, submittals				
35562 - Fuller, Andrew	10/21/2021	0.50	136.00	68.00
Contractor coord'n, submittals				
35562 - Fuller, Andrew	10/22/2021	1.00	136.00	136.00
Contractor coord'n, submittals				

36582 - Comrie, Nicholas	10/12/2021	3.00	113.00	339.00
HASP and Design document review				
36582 - Comrie, Nicholas	10/13/2021	2.00	113.00	226.00
HASP and Design document review				
38481 - Sanchez, Adriana	10/05/2021	2.00	113.00	226.00
project call, submittal review and response prep				
38481 - Sanchez, Adriana	10/07/2021	2.00	113.00	226.00
project call, submittal review and response prep				
38481 - Sanchez, Adriana	10/08/2021	2.00	113.00	226.00
project call, submittal review and response prep				
38481 - Sanchez, Adriana	10/11/2021	1.00	113.00	113.00
project call, submittals review				
38481 - Sanchez, Adriana	10/12/2021	2.00	113.00	226.00
project call, submittals review				
38481 - Sanchez, Adriana	10/15/2021	1.00	113.00	113.00
submittals review				
38481 - Sanchez, Adriana	10/18/2021	2.00	113.00	226.00
project call - dwg revisions, submittal revisions				
38481 - Sanchez, Adriana	10/20/2021	2.50	113.00	282.50
project call, additional submittal review				
38481 - Sanchez, Adriana	10/21/2021	2.50	113.00	282.50
pipe information, submittal review, OWS vendor communication				
25081 - Mastrocola, Krista	10/04/2021	3.00	122.00	366.00
Prepare for Mobilization/Contractor Submittal Review				
25081 - Mastrocola, Krista	10/05/2021	0.50	122.00	61.00
Prepare for Mobilization/Contractor Submittal Review				
25081 - Mastrocola, Krista	10/06/2021	2.50	122.00	305.00
Prepare for Mobilization/Contractor Submittal Review				
25081 - Mastrocola, Krista	10/07/2021	3.00	122.00	366.00
Prepare for Mobilization/Contractor Submittal Review				
25081 - Mastrocola, Krista	10/12/2021	2.00	122.00	244.00
Prepare for Mobilization/Contractor Submittal Review				
25081 - Mastrocola, Krista	10/13/2021	1.50	122.00	183.00
Prepare for Mobilization/Contractor Submittal Review				
25081 - Mastrocola, Krista	10/14/2021	2.00	122.00	244.00
Prepare for Mobilization/Contractor Submittal Review				
25081 - Mastrocola, Krista	10/15/2021	1.00	122.00	122.00
Prepare for Mobilization/Contractor Submittal Review				
25081 - Mastrocola, Krista	10/18/2021	1.00	122.00	122.00
Prepare IFC Drawings/Contractor Submittals				
25081 - Mastrocola, Krista	10/20/2021	1.50	122.00	183.00
Prepare IFC Drawings/Contractor Submittals				
35671 - Maza, David	09/29/2021	0.20	122.00	24.40
communications related to construction/contracting				
24518 - Cuccuini, Jeremy	09/30/2021	1.50	136.00	204.00
GWTT contacts on schedule, submittals				
24518 - Cuccuini, Jeremy	10/01/2021	1.50	136.00	204.00
GWTT contacts on schedule, submittals				
24518 - Cuccuini, Jeremy	10/04/2021	2.00	136.00	272.00
GWTT contacts on schedule and contract updates				
24518 - Cuccuini, Jeremy	10/05/2021	2.00	136.00	272.00
GWTT contacts on schedule and submittal follow-up				

24518 - Cucchini, Jeremy	10/12/2021	1.00	136.00	136.00
GWTT contacts on schedule and submittal follow-up				
24518 - Cucchini, Jeremy	10/14/2021	5.00	136.00	680.00
site visit, property owner follow-up				
24518 - Cucchini, Jeremy	10/15/2021	1.00	136.00	136.00
GWTT contacts on schedule and submittal follow-up				
24518 - Cucchini, Jeremy	10/18/2021	0.50	136.00	68.00
submittals review and responses				
24518 - Cucchini, Jeremy	10/21/2021	0.50	136.00	68.00
submittals review and responses				
24518 - Cucchini, Jeremy	10/22/2021	1.50	136.00	204.00
submittals review and responses, follow-up on site markout of pad foundation and titanium specifications				
38980 - Bean, Veronica	10/04/2021	0.50	100.00	50.00
HASP Call				
38980 - Bean, Veronica	10/08/2021	2.50	100.00	250.00
HASP revisions, review, assemble, pdf				

Total Labor	<u>75.70</u>	<u>8,837.40</u>	<u>8,837.40 USD</u>
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Reimbursable Expenses

Expense Report Number	Report Date	Employee/Description	This Invoice
Car Mileage			
US004615386068	10/14/2021	Scillieri, Darren/site visit	✓ 84.00
Total Reimbursable Expenses			<u>84.00 USD</u>
Total This Task			<u>8,921.40 USD</u>

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00006 - Soil Remedial Alternatives Support	7 - Task 00006

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35447 - Ozoroski, Mark	10/06/2021	2.50	74.00	185.00
Reviewing request from David Maza to rescreen soil data for JCP&L Boonton and curate plan of attack to generate necessary figures				
35671 - Maza, David	10/07/2021	1.50	122.00	183.00
soil RA evaluation				
38980 - Bean, Veronica	10/11/2021	1.00	100.00	100.00
Finishing HASP Review				
38980 - Bean, Veronica	10/13/2021	0.20	100.00	20.00
Revised revisions				
			<u>5.20</u>	<u>488.00</u>
Total Labor				<u>488.00 USD</u>

Total This Task	<u>488.00 USD</u>
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Total This Project	<u>17,653.77 USD</u>
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Total This Invoice

17,653.77 USD

Total This Invoice

17,653.77 USD

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Subject:

Monthly Progress Report (MPR) – October 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 20 September 2021 and ending 24 October 2021. This report is compliant with the requirements of Purchase Order Number 55130412 between JCP&L and Arcadis, and pursuant to the specified Scope of Work.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.
- Ongoing support with NJPDES discharge permitting (TWA) and air permitting. Respond to NJDEP technical review of TWA permit and follow-up.
- Ongoing procurement assistance associated with pending groundwater treatment system construction, including communications with GWTT, review and comment on system construction and specification submittals, schedule review and site work planning. Review alternatives to specified equipment due to supply chain related delays, and follow-up with JCP&L Project Management.

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

ENVIRONMENT

Date:
12 November 2021

Contact:
Jeremy Cuccuini

Phone:
609.366.9033

Email:
Jeremy.cuccuini@arcadis-us.com

Our ref:
300083906

- Advanced coordination and conduct a site meeting with the property owner (Onorati) tenants to prepare for pre-construction access coordination, coordination and communication with GWTT regarding schedule and logistics. Revise site Health and Safety Plan to address pending site construction work.
- Ongoing evaluations of site soil conditions and remedial alternatives to address remaining on and offsite soil impacts.

The most recent MPR for September 2021 was submitted on 13 October 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 December 2021.

Section 3: Action Plan

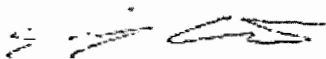
Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 November 2021 through 15 January 2022).

The overall project budget for the current phases of work under PO 55130412 including Task 1 Project Management, Task 2 Procurement Assistance, Task 3 Recovery and Performance Monitoring Well Recovery, Task 4 Permitting and Compliance, Task 5 Remedial Construction Support and Task 6 Soil Remedial Alternatives Support is shown on Table 2. Table 2 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cucchini
Certified Project Manager

Copies:

D. Scillieri, Arcadis

D. Maza, Arcadis

**Table 1
Action Plan as of 15 November 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #9), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2018	Submitted

**Table 1
Action Plan as of 15 November 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018. Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Complete	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set at issued for Bid and Permit as of June 2021.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with approved permit received in June 2021. SESCO and Air Permit approval received in August/Sep 2021. TWA permit currently under technical review with NJDEP.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cuccuini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

Table 1
Action Plan as of 15 November 2021
Boonton, New Jersey, Former MGP Site

Groundwater Treatment System Recovery Well Installation	ARCADIS – Jeremy Cucculini, Dave Maza	7/30/21	Complete	Recovery wells RW-3, RW-6, RW-7 and RW-8 installed in April/May 2021. Remaining recovery wells RW-2, RW-4 and RW-5 installed in mid-July 2021. Final contractor selection expected in August 2021, with system construction mobilization anticipated in September 2021.
Groundwater Treatment System Installation and Start-Up	ARCADIS – Jeremy Cucculini, Andy Fuller	NA	Ongoing	Groundwater Treatment and Technology slated for mobilization the week of December 6, 2021 for concrete pad installation. Remainder of construction expected thru Q1/Q2 2022, with system startup/shakedown and operation slated for Q2 2022.

ARCADIS

JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2020				2021				2022				2023				2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Boonton, NJ Former MGP Site Remediation	Fri 1/10/03	Fri 1/31/25																				
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18																				
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18																				
29	Groundwater RAWP Implementation	Thu 1/9/20	Wed 2/6/23																				
30	Pre-Design Investigation	Thu 1/9/20	Wed 9/30/20																				
31	Design Process	Thu 10/1/20	Wed 3/17/21																				
32	Procurement	Thu 3/18/21	Wed 6/16/21																				
40	Implementation	Thu 6/17/21	Wed 9/22/21																				
44	Post Remedial Action Activities	Thu 9/23/21	Wed 2/6/23																				
54	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
55	Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
60	Supplemental Soil RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
61	RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
71	Supplemental Soil RAWP Implementation	Mon 9/13/21	Fri 1/20/23																				
72	Procurement	Mon 4/11/22	Fri 7/22/22																				
77	Implementation	Mon 9/13/21	Fri 11/4/22																				
83	Post Remedial Action Activities	Mon 4/4/22	Fri 1/20/23																				
92	Groundwater OM&M	Mon 10/4/21	Fri 1/31/25																				

Project: Boonton Date: Thu 4/8/21	Task		External MileTask		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Progress	
	External Tasks		Duration-only		Split	

Table 3
Budget Status for Site Remediation through 24 October 2021
Boonton Former MGP Site
Boonton, New Jersey
 Purchase Order No. 55130412

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET ¹	CURRENT TASK BUDGET	CURRENT INVOICE AMOUNT	OUT OF SCOPE WORK THRU PERIOD	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
<i>Phase 1, Site Remediation</i>									
1	Project Management	30,030	30,030	3,148	0	16,112	18,260	10,770	64%
2	Procurement Assistance	42,661	48,475	1,457	0	48,044	49,991	(26)	100%
3	Necessary and Performance Monitoring Well Installation	272,737	297,052	213	0	293,874	294,987	2,865	99%
4	Permitting and Compliance	18,311	18,311	3,427	0	7,684	11,111	7,201	61%
5	Remedial Construction Support	132,118	132,118	8,921	0	0	8,921	123,197	7%
6	Soil Remedial Alternatives Support	13,608	13,608	488	0	661	1,349	12,459	10%
7	Licensed Site Remediation Professional (LSRP)	16,330	16,330	9	0	2,530	2,530	13,900	15%
TOTALS (\$):		626,616	657,124	17,654	0	369,105	396,759	158,365	69%

Notes:

1. Work authorized by Purchase Order Number 55130412 dated 2/16/21 in accordance with the Arcadis Proposal dated 2/16/2021.
2. Task 3 authorized for \$372,377 per Change Order #3 dated 4/22/2021 based on Arcadis proposal dated 2/16/2021.
3. Updates to compensation in the amount of \$295,345 added to the project budget per the Arcadis proposal dated 8/22/2021 (including new task 4, task 5, task 6 and task 7), and as approved by KP&L Change Order #2 dated 8/26/2021.

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009
 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

RECEIVED

OCT 14 2021

Environmental Department

Invoice Date	13-Oct-2021	Invoice Number	34260773
Due Date	27-Nov-2021	Payment Term	45 days
PO# 55130412			
Arcadis Reference Number	30083906	Project Number	30083906
Arcadis Reference Name	30083906 - JCPL Boonton	Project Name	30083906 - JCPL Boonton
Services Through	19-Sep-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 19-Sep-2021

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00007 - LSRP Services	8 - Task 00007

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Thompson, David	12.50	Hours	136.00 ✓	1,700.00
				1,700.00

APPROVAL/STAMP

Total This Task	P.O. NO. <u>55130412/2</u> INV. NO. <u>34260773</u>	1,700.00 USD
Total This Project	COMPANY CODE: SCOO COST CENTER _____ COST ELEMENT (GL ACCT): <u>550300</u>	1,700.00 USD
Total This Invoice	ORDER: <u>3001017</u> WBS: _____	1,700.00 USD
	APPROVED BY: _____ EMP NO: _____ <i>JRusu</i> <u>010093</u> <u>10/27/21</u>	1,700.00 USD

SER#1122869628 Fax# 38047047

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFALIS3N
Remittance Address: Remit-Mailbox@arcadis-us.com Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.			

Transaction Details - Invoice Number 34260773

Project	Task	Contract Line		
30083906 - 30083906 - JCPL Boonton	00007 - LSRP Services	8 - Task 00007		
Labor				
Employee No. and Name	Date	Hours	Rate	This Invoice
35155 - Thompson, David Weekly status call	06/23/2021	1.00	136.00	136.00
35155 - Thompson, David Weekly status call	06/30/2021	1.00	136.00	136.00
35155 - Thompson, David Weekly status call	07/07/2021	1.00	136.00	136.00
35155 - Thompson, David Field activity status	07/16/2021	0.50	136.00	68.00
35155 - Thompson, David Weekly status call	07/21/2021	1.00	136.00	136.00
35155 - Thompson, David Review alternative remediation standard options	07/22/2021	1.00	136.00	136.00
35155 - Thompson, David Weekly status call	07/28/2021	1.00	136.00	136.00
35155 - Thompson, David Aco progress report and follow-up	08/02/2021	1.00	136.00	136.00
35155 - Thompson, David Weekly status call	08/04/2021	0.50	136.00	68.00
35155 - Thompson, David Review draft Public notification letter	08/23/2021	0.50	136.00	68.00
35155 - Thompson, David Weekly status call	08/25/2021	1.00	136.00	136.00
35155 - Thompson, David Conf call to discuss soil remediation options and requirements	08/26/2021	2.00	136.00	272.00
35155 - Thompson, David Weekly status call and follow-up	09/01/2021	1.00	136.00	136.00
		12.50		1,700.00
Total Labor				1,700.00 USD
Total This Task				1,700.00 USD
Total This Project				1,700.00 USD
Total This Invoice				1,700.00 USD
		Total This Invoice		1,700.00 USD

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

Subject:
Monthly Progress Report (MPR) LSRP Services –September 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

ENVIRONMENT

Dear Ms. Rusu:

Date:
13 October 2021

The following summarizes Licensed Site Remediation Professional (LSRP) related project activities performed by Arcadis for the above referenced site during the billing period beginning 21 June 2021 and ending 19 September 2021.

Contact:
Jeremy Cuccuini

Section 1: Work Performed

Phone:
609.366.9033

The following work was performed during the period under Purchase Order Number 55115885:

Email:
Jeremy.cuccuini@arcadis-us.com

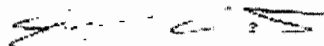
- LSRP time for project team calls and general team/project communication. Provide assistance with annual Remediation Funding Source (RFS) filings and correspondence.
- Site assistance regarding remedial action alternatives evaluation to address remaining on and offsite soil impacts.

Our ref:
MD001134.0001

If you have any questions about this report, please do not hesitate to contact the undersigned.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cuccuini
Project Manager

Copies:
D. Scillieri, Arcadis
arcadis.com

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009
 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

Invoice Date	10-Dec-2021	Invoice Number	34271692
Due Date	24-Jan-2022	Payment Term	45 days
PO# 55130412			
Arcadis Reference Number	30083906	Project Number	30083906
Arcadis Reference Name	30083906 - JCPL Boonton	Project Name	30083906 - JCPL Boonton
Services Through	21-Nov-2021	Project Manager	Jeremy Cuccuini
		Client Contact	Jennifer Rusu

Professional Services to 21-Nov-2021

received 12/10/21

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Jones Jackson, Legenetta	0.30	Hours	54.00 ✓	16.20
Collins, Lisa	0.80	Hours	54.00 ✓	43.20
Mack, David	1.00	Hours	148.00 ✓	148.00
Maza, David	0.20	Hours	122.00 ✓	24.40
Cuccuini, Jeremy	8.00	Hours	136.00 ✓	1,088.00
Scillieri, Darren	4.50	Hours	148.00 ✓	666.00
	14.80			1,985.80

approval stamp on 4th page

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N
Remittance Address: Remit-Mailbox@arcadis-us.com			
Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.			

Total This Task 1,985.80 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00003 - Recovery & Performance Monitoring Well Installation	4 - Task 00003

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Kane, Raleigh	5.00	Hours	93.00 ✓	465.00
	5.00			465.00

Other Reimbursable Charges 138.17

Total This Task 603.17 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00004 - Permitting and Compliance	5 - Task 00004

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Fuller, Andrew	11.00	Hours	136.00 ✓	1,496.00
Steinberger, George	3.50	Hours	113.00 ✓	395.50
Cuccuini, Jeremy	8.00	Hours	136.00 ✓	1,088.00
	22.50			2,979.50

Other Reimbursable Charges 10.85

Total This Task 2,990.35 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00005 - Remedial Construction Support	6 - Task 00005

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
De Sonier, James	9.00	Hours	74.00 ✓	666.00
Fuller, Andrew	10.00	Hours	136.00 ✓	1,360.00
Erickson, Kevin	8.60	Hours	113.00 ✓	971.80
Sanchez, Adriana	24.50	Hours	113.00 ✓	2,768.50
Mastrocola, Krista	16.25	Hours	122.00 ✓	1,982.50
Cuccuini, Jeremy	11.50	Hours	136.00 ✓	1,564.00
Catchpole, Daniel	1.00	Hours	93.00 ✓	93.00

SFS# 1123143436 Fax # 38046490
pay only \$15,595.37

APPROVAL STAMP	
P.O. NO. <u>55130412/1</u>	INV. NO. <u>342 71692</u>
COMPANY CODE: SCOO	COST CENTER _____
COST ELEMENT (GL ACCT.): <u>55D300</u>	
ORDER: <u>3001017</u>	WBS: _____
APPROVED BY:	EMP. NO.:

JRush C10093 12/20/21

Transaction Details - Invoice Number 34271692

Project	Task	Contract Line		
30083906 - 30083906 - JCPL Boonton	00001 - Project Management	1 - Task 00001		
Labor				
Employee No. and Name	Date	Hours	Rate	This Invoice
62553 - Jones Jackson, Legenetta	11/18/2021	0.30	54.00	16.20
project support				
23893 - Collins, Lisa	11/17/2021	0.80	54.00	43.20
document review				
24724 - Mack, David	10/26/2021	0.50	148.00	74.00
ANA project review				
24724 - Mack, David	11/09/2021	0.50	148.00	74.00
ANA project reviews				
35671 - Maza, David	11/03/2021	0.20	122.00	24.40
follow up re: GPRS invoice				
24518 - Cuccuini, Jeremy	10/27/2021	1.00	136.00	136.00
weekly team call/PM, project coordination and communications				
24518 - Cuccuini, Jeremy	10/28/2021	0.50	136.00	68.00
Handex communications requesting pumping data				
24518 - Cuccuini, Jeremy	11/03/2021	1.50	136.00	204.00
weekly team call/PM, project coordination and communications				
24518 - Cuccuini, Jeremy	11/09/2021	0.50	136.00	68.00
october invoicing support, monthly progress report				
24518 - Cuccuini, Jeremy	11/10/2021	2.00	136.00	272.00
weekly team meeting, PM/budgets, oct invoice support				
24518 - Cuccuini, Jeremy	11/11/2021	0.50	136.00	68.00
finalize and submit monthly progress report				
24518 - Cuccuini, Jeremy	11/16/2021	0.50	136.00	68.00
project support/PM				
24518 - Cuccuini, Jeremy	11/17/2021	1.00	136.00	136.00
weekly team meeting, PM support and coordination				
24518 - Cuccuini, Jeremy	11/18/2021	0.50	136.00	68.00
project support/PM				
24363 - Scillieri, Darren	10/26/2021	1.00	148.00	148.00
project team meeting, coordination				
24363 - Scillieri, Darren	10/27/2021	0.50	148.00	74.00
project team meeting, coordination				
24363 - Scillieri, Darren	11/02/2021	1.00	148.00	148.00
project team meeting, coordination				
24363 - Scillieri, Darren	11/03/2021	0.50	148.00	74.00
project team meeting, coordination				
24363 - Scillieri, Darren	11/10/2021	0.50	148.00	74.00
project coordination				
24363 - Scillieri, Darren	11/16/2021	1.00	148.00	148.00
project coordination, team conference call				

	14.80	1,985.80
Total Labor		1,985.80 USD

		1,985.80 USD
Total This Task		

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00003 - Recovery & Performance Monitoring Well Installation	4 - Task 00003

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
39026 - Kane, Raleigh Staked out building pad and RW-4; communicated with tenants to move materials	10/29/2021	5.00	93.00	465.00
		5.00		465.00
Total Labor				465.00 USD

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Tools & Equipment				
US1-210080176	11/04/2021	11/04/2021	Pine Environmental Services LLC	138.17
Total Other Reimbursable Charges				138.17 USD
Total This Task				603.17 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00004 - Permitting and Compliance	5 - Task 00004

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35562 - Fuller, Andrew TWA followup, submittals, RFIs	10/27/2021	1.00	136.00	136.00
35562 - Fuller, Andrew TWA followup, submittals, RFIs	10/28/2021	2.00	136.00	272.00
35562 - Fuller, Andrew TWA followup, submittals, RFIs	10/29/2021	1.00	136.00	136.00
35562 - Fuller, Andrew TWA followup, submittals, RFIs	11/01/2021	2.00	136.00	272.00
35562 - Fuller, Andrew TWA followup, submittals, RFIs	11/02/2021	1.00	136.00	136.00
35562 - Fuller, Andrew TWA followup, submittals, RFIs	11/03/2021	2.00	136.00	272.00
35562 - Fuller, Andrew TWA followup, submittals, RFIs	11/04/2021	2.00	136.00	272.00
37555 - Steinberger, George CAD edits for Adriana Sanchez	11/18/2021	2.50	113.00	282.50
37555 - Steinberger, George CAD edits for Adriana Sanchez	11/19/2021	1.00	113.00	113.00

24518 - Cucchini, Jeremy	10/25/2021	1.00	136.00	136.00
TWA permitting support, team communications on N2 operator and follow up				
24518 - Cucchini, Jeremy	10/26/2021	1.00	136.00	136.00
TWA permitting support, team communications on N2 operator and follow up				
24518 - Cucchini, Jeremy	11/01/2021	1.50	136.00	204.00
TWA permitting support, team communications on N2 operator and follow up				
24518 - Cucchini, Jeremy	11/08/2021	1.00	136.00	136.00
TWA permitting support, permit matrix support				
24518 - Cucchini, Jeremy	11/15/2021	1.00	136.00	136.00
TWA permitting support, permit matrix support, SESCO				
24518 - Cucchini, Jeremy	11/18/2021	1.00	136.00	136.00
TWA permitting support, permit matrix support, SESCO				
24518 - Cucchini, Jeremy	11/19/2021	1.50	136.00	204.00
TWA permitting support, permit matrix support, SESCO				

22.50

2,979.50

Total Labor

2,979.50 USD

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
Postage / Shipping Charges				
2021_44	11/05/2021	11/05/2021	Fedex ERS	10.85
Total Other Reimbursable Charges				10.85 USD

Total This Task

2,990.35 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00005 - Remedial Construction Support	6 - Task 00005

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
60027 - De Sonier, James	11/16/2021	4.00	74.00	296.00
Meeting with Team, QAQC and compare tank quotes, Read through RFP and figures for QAQC				
60027 - De Sonier, James	11/17/2021	3.00	74.00	222.00
Meeting with Team, QAQC and compare tank quotes, Read through RFP and figures for QAQC				
60027 - De Sonier, James	11/18/2021	2.00	74.00	148.00
Meeting with Team, QAQC and compare tank quotes, Read through RFP and figures for QAQC				
35562 - Fuller, Andrew	10/25/2021	2.00	136.00	272.00
Submittals, RFIs				
35562 - Fuller, Andrew	11/09/2021	1.00	136.00	136.00
submittals, RFIs				
35562 - Fuller, Andrew	11/10/2021	1.00	136.00	136.00
submittals, RFIs				
35562 - Fuller, Andrew	11/12/2021	1.00	136.00	136.00
submittals, RFIs				
35562 - Fuller, Andrew	11/15/2021	1.00	136.00	136.00
submittals and RFIs				
35562 - Fuller, Andrew	11/16/2021	2.00	136.00	272.00
submittals and RFIs				

35562 - Fuller, Andrew submittals and RFIs	11/17/2021	1.00	136.00	136.00
35562 - Fuller, Andrew submittals and RFIs	11/18/2021	1.00	136.00	136.00
38309 - Erickson, Kevin RFI Response	10/25/2021	0.30	113.00	33.90
38309 - Erickson, Kevin Submittal and RFI Review	11/03/2021	0.30	113.00	33.90
38309 - Erickson, Kevin I&C Support	11/15/2021	1.50	113.00	169.50
38309 - Erickson, Kevin I&C Support	11/16/2021	4.50	113.00	508.50
38309 - Erickson, Kevin I&C Support	11/18/2021	2.00	113.00	226.00
38481 - Sanchez, Adriana project call - submittals review, project call	10/25/2021	2.00	113.00	226.00
38481 - Sanchez, Adriana Boonton submittals and RFIS 2 through 5- vendor communication	10/26/2021	2.00	113.00	226.00
38481 - Sanchez, Adriana Boonton submittals and RFIS 2 through 5- vendor communication , project call	10/27/2021	2.00	113.00	226.00
38481 - Sanchez, Adriana BMS - mechanical submittal review	10/28/2021	3.00	113.00	339.00
38481 - Sanchez, Adriana project call - submittals review, RFI	11/01/2021	2.50	113.00	282.50
38481 - Sanchez, Adriana project call - submittals review,	11/02/2021	2.00	113.00	226.00
38481 - Sanchez, Adriana project call - submittals review,	11/03/2021	1.50	113.00	169.50
38481 - Sanchez, Adriana project call - submittals review, project call	11/08/2021	2.50	113.00	282.50
38481 - Sanchez, Adriana submittals	11/09/2021	1.00	113.00	113.00
38481 - Sanchez, Adriana submittals review	11/16/2021	2.00	113.00	226.00
38481 - Sanchez, Adriana submittals review	11/17/2021	2.00	113.00	226.00
38481 - Sanchez, Adriana call with GWTT and OWS	11/18/2021	2.00	113.00	226.00
25081 - Mastrocola, Krista Review and Finalize Contractor Submittals	10/26/2021	1.00	122.00	122.00
25081 - Mastrocola, Krista Review and Finalize Contractor Submittals	10/27/2021	3.00	122.00	366.00
25081 - Mastrocola, Krista Review and Finalize Contractor Submittals	10/28/2021	2.00	122.00	244.00
25081 - Mastrocola, Krista Contractor Coordination and Submittals	11/01/2021	2.00	122.00	244.00
25081 - Mastrocola, Krista Contractor Coordination and Submittals	11/03/2021	1.50	122.00	183.00
25081 - Mastrocola, Krista Contractor Coordination and Submittals	11/04/2021	1.00	122.00	122.00
25081 - Mastrocola, Krista Contractor Coordination and Submittals	11/05/2021	1.00	122.00	122.00

25081 - Mastrocola, Krista	11/10/2021	0.75	122.00	91.50
Contractor Coordination and Submittals				
25081 - Mastrocola, Krista	11/15/2021	2.00	122.00	244.00
Review of Submittals and Project Coordination				
25081 - Mastrocola, Krista	11/16/2021	1.00	122.00	122.00
Review of Submittals and Project Coordination				
25081 - Mastrocola, Krista	11/17/2021	1.00	122.00	122.00
Review of Submittals and Project Coordination				
24518 - Cucchini, Jeremy	10/25/2021	1.50	136.00	204.00
subittals review and responses				
24518 - Cucchini, Jeremy	10/26/2021	1.50	136.00	204.00
subittals review and responses				
24518 - Cucchini, Jeremy	10/29/2021	1.50	136.00	204.00
submittals review and responses, follow-up on piping and material alternatives due to supply chain issues/delays				
24518 - Cucchini, Jeremy	11/01/2021	1.00	136.00	136.00
submittals review and responses, review material alternatives per supply chain delays and JCP&L follow-up				
24518 - Cucchini, Jeremy	11/02/2021	1.00	136.00	136.00
submittals review and responses, review material alternatives per supply chain delays and JCP&L follow-up				
24518 - Cucchini, Jeremy	11/03/2021	0.50	136.00	68.00
team discussion on submittals requiring technical team follow-up				
24518 - Cucchini, Jeremy	11/04/2021	1.00	136.00	136.00
submittals review and responses				
24518 - Cucchini, Jeremy	11/08/2021	0.50	136.00	68.00
submittal review/support				
24518 - Cucchini, Jeremy	11/11/2021	0.50	136.00	68.00
submittal review/support				
24518 - Cucchini, Jeremy	11/15/2021	1.00	136.00	136.00
submittal support and electrical enclosure option review, team follow-up				
24518 - Cucchini, Jeremy	11/16/2021	0.50	136.00	68.00
submittal support and electrical enclosure option review, team follow-up				
24518 - Cucchini, Jeremy	11/18/2021	1.00	136.00	136.00
submittal support and electrical enclosure option review, team follow-up. GWTT follow-up on CAD files and survey schedule				
35388 - Catchpole, Daniel	10/25/2021	1.00	93.00	93.00
I&C Design				

80.85

9,405.80

Total Labor

9,405.80 USD

Other Reimbursable Charges

Invoice Number	Transaction Date	Invoice Date	Supplier Name	This Invoice
61PAI9080096	06/01/2021	06/01/2021	ARC Document Solutions	67.65
Total Other Reimbursable Charges				67.65 USD

Total This Task

9,473.45 USD

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00006 - Soil Remedial Alternatives Support	7 - Task 00006

Labor

Employee No. and Name	Date	Hours	Rate	This Invoice
35447 - Ozoroski, Mark Call with Patrick Foes to verify needed items for inclusion for the soil data table from the database	10/27/2021	1.50	74.00	111.00
35447 - Ozoroski, Mark Reviewing Database table curated by Patrick Foes and re-formatting 2017 SRS table with necessary adjustments to only show borings with exceedances	10/29/2021	2.00	74.00	148.00
35671 - Maza, David soil remedial alternatives evaluation	10/26/2021	0.30	122.00	36.60
35671 - Maza, David coordinate soil RA alternatives evaluation	11/03/2021	0.20	122.00	24.40
35671 - Maza, David coordinate soil RA evaluation	11/12/2021	0.30	122.00	36.60
36895 - Foes, Patrick Data Management	10/27/2021	2.00	93.00	186.00
		6.30		542.60
Total Labor				542.60 USD
Total This Task				542.60 USD
Total This Project				15,595.37 USD
Total This Invoice				15,595.37 USD
				Total This Invoice 15,595.37 USD

**Table 1
Action Plan as of 15 December 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Monitoring well abandonment/replacement.	ARCADIS – Brian Stempowski JCP&L – Frank Lawson	7/25/06	7/25/06	NJDEP comments on proposed well locations received 5/26/06. Response to comments submitted on 7/25/06. Received NJDEP Comment/Response on 7/12/07 (dated 7/10/07)
Submit Response to NJDEP 7/10/07 Comments	ARCADIS – Megan Kellner	8/10/07	8/10/07	Comment response submitted after site meeting with NJDEP on 8/2/07.
Conduct abandonment/replacement	ARCADIS – Rusty Kahl, Megan Kellner	2/25/08	3/17/08	NJDEP Approval was received on 9/6/07. Baseline sampling completed 3/17/08.
Conduct 8 consecutive Quarters of Groundwater Sampling	ARCADIS – Jeremy Cuccuini	6/30/11	Completed	Eighth Quarterly Event completed in May 2011
Install Bedrock well	ARCADIS – Jeremy Cuccuini	Pending	Completed	Completed in June 2011.
Submit Receptor Evaluation to NJDEP	ARCADIS – Jeremy Cuccuini	3/01/11	3/01/11	Submitted
Submit Annual Report to NJDEP	ARCADIS – Jeremy Cuccuini	4/30/11	4/29/11	2010 Annual Report submitted on April 29, 2011
Submit CEA to NJDEP	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted
Complete all delineation and reporting	ARCADIS – Jeremy Cuccuini, Dave Maza	12/31/15	Complete	Remaining shallow soil delineation samples collected in 12/2015.
Submit RIR to LSRP for Review	ARCADIS – Jeremy Cuccuini, Jim McLaughlin	05/05/2016	4/28/16	Submitted to LSRP in July 2015, comments received September 2015. Ecological Evaluation completed in February 2016, with findings discussed with LSRP. DRAFT of RIR submitted to LSRP for final review on 21 April 2016, approval received 4/28/16.
Evaluate Offsite Ecological Receptors	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Ongoing	Re-evaluate potential offsite impacts to adjacent ecological receptors per findings from the RIR. Supplemental investigation scope approved by JCP&L on 8/3/2016 (Change order #8), with offsite surface water and sediment sampling completed in October/November 2016. Final results and recommendations provided in Remedial Action Work Plan.
Groundwater RAWP Development	ARCADIS – Jeremy Cuccuini, Dave Maza	NA	Submitted April 2018	Submitted

**Table 1
Action Plan as of 15 December 2021
Boonton, New Jersey, Former MGP Site**

Task	Accountable Company/Persons	Due Date	Completion Date	Status
Development of Pre-Design Investigation (PDI) Scope for final soil and groundwater remedy	ARCADIS – Jeremy Cucuini, Dave Maza	NA	Submitted	Site Reconnaissance completed in April 2018 with project LSRP. Model updates completed in December 2018, Formal PDI submitted to JCP&L on February 12, 2019. Work completed in April 2019. Revised proposed pumping (containment) well locations established pending results of PDI.
Complete Pre-Design Investigation Fieldwork	ARCADIS – Jeremy Cucuini, Dave Maza	NA	Complete	Vertical Profile borings at proposed recovery well locations, well rehabilitations and replacements completed in April and November 2019. Data management and evaluation completed and is being incorporated into the final groundwater containment system design.
Complete Design of proposed Groundwater Containment System	ARCADIS – Jeremy Cucuini, Dave Maza	NA	Complete	Field data collected as part of PDI activities utilized to develop the proposed groundwater containment system. Specifics include pumping well locations and rates, subgrade piping runs, well and vault details, system layout, treatment chain, effluent compliance, etc. Negotiations regarding effluent discharge formalized with Parsippany Sewer Authority. Design set at issued for Bid and Permit as of June 2021.
Permitting or Final Remedy and Design	ARCADIS – Jeremy Cucuini, Dave Maza	NA	Ongoing	Permitting evaluation associated with long-term groundwater containment and discharge ongoing and pending finalization of remedy design (e.g. post PDI). Wetland delineation work completed in Q4 2019, with approved permit received in June 2021. SESCO and Air Permit approval received in August/Sept 2021. TWA permit approval received December 2021. Site Permit Matrix currently being drafted to track all open permits with conditions and reporting requirements included.
Extension to NJDEP Remedial Action Regulatory Deadline	ARCADIS – Jeremy Cucuini, Dave Maza	05/05/2022	Ongoing	Based on NJDEP approval of 1-year blanket extension to active cases, the Site regulatory timeframe is now May 2022. Arcadis anticipates submittal of extension request to the site regulatory deadline in early 2022.

**Table 1
Action Plan as of 15 December 2021
Boonton, New Jersey, Former MGP Site**

Groundwater Treatment System Recovery Well Installation	ARCADIS – Jeremy Cucchini, Dave Maza	7/30/21	Complete	Recovery wells RW-3, RW-6, RW-7 and RW-8 installed in April/May 2021. Remaining recovery wells RW-2, RW-4 and RW-5 installed in mid-July 2021. Final contractor selection expected in August 2021, with system construction mobilization anticipated in September 2021.
Groundwater Treatment System Installation and Start-Up	ARCADIS – Jeremy Cucchini, Andy Fuller	NA	Ongoing	Groundwater Treatment and Technology initialized mobilization the week of December 6, 2021 for concrete pad installation and general site construction preparation. Remainder of construction expected thru Q1/Q2 2022, with system startup/shakedown and operation slated for Q2 2022.

Table 3
Budget Status for Site Remediation through 21 November 2021
Boonton Former MGP Site
Boonton, New Jersey
Purchase Order No. 55130412

TASK NO.	DESCRIPTION	ORIGINAL TASK BUDGET ¹	CURRENT TASK BUDGET	CURRENT INVOICE AMOUNT	CUT OF SCOPE WORK THIS PERIOD	PREVIOUS AMOUNT INVOICED	CUMULATIVE AMOUNT INVOICED	BUDGET BALANCE	FINANCIAL % COMPLETE
<i>Phase 1, Site Remediation</i>									
1	Project Management	30,030	30,030	1,885	0	19,260	21,246	8,784	71%
2	Procurement Assistance	42,881	49,475	0	0	49,501	49,501	(26)	100%
3	Recovery and Performance Monitoring Well Installation	272,737	297,052	603	0	294,067	294,690	2,362	99%
4	Permitting and Compliance	16,311	16,311	2,990	0	11,111	14,101	4,210	77%
5	Remedial Construction Support	132,118	132,118	6,473	0	8,921	18,394	113,724	14%
6	Soil Remedial Alternatives Support	13,808	13,808	543	0	1,349	1,892	11,916	14%
7	Licensed Site Remediation Professional (LSRP)	16,330	16,330	340	0	2,530	2,870	13,460	18%
TOTALS (\$):		526,015	567,124	15,935	0	386,759	402,684	140,870	72%

Notes:

1. Work authorized by Purchase Order Number 55130412 dated 2/16/21 in accordance with the Arcadis Proposal dated 2/16/2021.
2. Task 3 authorized for \$272,377 per Change Order #1 dated 4/12/2021 based on Arcadis proposal dated 2/16/2021.
3. Updates to compensation in the amount of \$195,345 added to the project budget per the Arcadis proposal dated 8/12/2021 (including new task 4, task 5, task 6 and task 7), and as approved by JCP&L Change Order #2 dated 8/30/2021.

JCP&L
 Projected Schedule
 Boonton, New Jersey, Former MGP Site

ID	Task Name	Start	Finish	2020				2021				2022				2023				2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Boonton, NJ Former MGP Site Remediation	Fri 1/10/03	Fri 1/31/25																				
2	Groundwater RI Activities and RAWP Development	Fri 8/28/09	Fri 6/15/18																				
3	CEA Investigation Activities and Development	Fri 8/28/09	Fri 6/15/18																				
29	Groundwater RAWP Implementation	Thu 1/9/20	Wed 2/8/23																				
30	Pre-Design Investigation	Thu 1/9/20	Wed 9/30/20																				
31	Design Process	Thu 10/1/20	Wed 3/17/21																				
32	Procurement	Thu 3/18/21	Wed 6/16/21																				
40	Implementation	Thu 6/17/21	Wed 9/22/21																				
44	Post Remedial Action Activities	Thu 9/23/21	Wed 2/8/23																				
54	Supplemental Soil RASR/RAWP - Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
55	Conceptual Design	Mon 1/9/17	Tue 9/7/21																				
60	Supplemental Soil RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
61	RAWP Preparation	Mon 9/20/21	Fri 4/8/22																				
71	Supplemental Soil RAWP Implementation	Mon 9/13/21	Fri 1/20/23																				
72	Procurement	Mon 4/11/22	Fri 7/22/22																				
77	Implementation	Mon 9/13/21	Fri 11/4/22																				
83	Post Remedial Action Activities	Mon 4/4/22	Fri 1/20/23																				
92	Groundwater OM&M	Mon 10/4/21	Fri 1/31/25																				

Project: Boonton
 Date: Thu 4/8/21

Task		External MileTask		Manual Summary Rollup	
Split		Inactive Task		Manual Summary	
Milestone		Inactive Milestone		Start-only	
Summary		Inactive Summary		Finish-only	
Project Summary		Manual Task		Progress	
External Tasks		Duration-only		Split	

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Subject:

Monthly Progress Report (MPR) – November 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

Dear Ms. Rusu:

The following summarizes the project activities performed by Arcadis for the above referenced site during the billing period beginning 24 October 2021 and ending 21 November 2021. This report is compliant with the requirements of Purchase Order Number 55130412 between JCP&L and Arcadis, and pursuant to the specified Scope of Work.

Section 1: Work Performed

The following work was performed during the period under Purchase Order Number 55115885:

- Continued general project management activities, including project planning and scheduling, budget review, monthly projections, and invoice tracking. Assembled invoice backup, reviewed budget/labor summaries and prepared the monthly progress report for the previous period.
- Ongoing support with NJPDES discharge permitting (TWA) and air permitting. Respond to NJDEP regarding final technical review of TWA permit to facilitate approval.
- Ongoing procurement assistance associated with pending groundwater treatment system construction, including communications with GWTT, review and comment on system construction and specification submittals, review and respond to request for information received by GWTT regarding system design specifics, evaluate electrical enclosure design updates per GWTT request for details, ongoing site work schedule review and site work planning. Review

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

ENVIRONMENT

Date:
10 December 2021

Contact:
Jeremy Cuccuini

Phone:
609.366.9033

Email:
Jeremy.cuccuini@arcadis-us.com

Our ref:
300083906

alternatives to specified equipment due to supply chain related delays, and follow-up with JCP&L Project Management.

- Ongoing evaluations of site soil conditions and remedial alternatives to address remaining on and offsite soil impacts.

The most recent MPR for October 2021 was submitted on 11 November 2021.

Section 2: Project Schedule

Figure 1 is provided as a focused project schedule. The next project schedule will be submitted on or around 15 January 2022.

Section 3: Action Plan

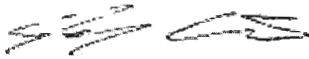
Table 1 is an Action Plan (AP) which outlines actions anticipated to be initiated and/or completed during the following two-month period (15 December 2021 through 15 February 2022).

The overall project budget for the current phases of work under PO 55130412 including Task 1 Project Management, Task 2 Procurement Assistance, Task 3 Recovery and Performance Monitoring Well Recovery, Task 4 Permitting and Compliance, Task 5 Remedial Construction Support and Task 6 Soil Remedial Alternatives Support is shown on Table 2. Table 2 also provides a detailed budget analysis by phase and task.

If you have any questions about this report, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.



Jeremy Cucchini
Certified Project Manager

Copies:

D. Scillieri, Arcadis
D. Maza, Arcadis

INVOICE

Jersey Central Power and Light Company
Attn. : Jennifer Rusu
 300 Madison Ave
 Morristown, NJ 07960-6169
 United States

Arcadis U.S., Inc.
 Bank of America
 Acct: 8188093937
 ACH: 071 000 039 Wire: 026009
 593
 SWIFT: BOFAUS3N
 Remit-mailbox@arcadis-us.com
 62638 Collections Center Drive
 Chicago, IL 60693-0626

received 12/10/21

Invoice Date	10-Dec-2021	Invoice Number	34271706
Due Date	24-Jan-2022	Payment Term	45 days
PO# 55130412			
Arcadis Reference Number	30083906	Project Number	30083906
Arcadis Reference Name	30083906 - JCPL Boonton	Project Name	30083906 - JCPL Boonton
Services Through	21-Nov-2021	Project Manager	Jeremy Cucuini
		Client Contact	Jennifer Rusu

Professional Services to 21-Nov-2021

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00007 - LSRP Services	8 - Task 00007

Labor

Employee Name	Quantity	UOM	Rate	This Invoice
Thompson, David	2.50	Hours	136.00 ✓	340.00
	<u>2.50</u>			<u>340.00</u>
Total This Task				340.00 USD
Total This Project				340.00 USD
Total This Invoice				340.00 USD

Total This Invoice 340.00 USD

approval stamp on next page

Bank Name	BANK OF AMERICA N.A.	Bank/Branch Code	BOFA-026009593
Account No.	8188093937	SWIFT	BOFAUS3N

Remittance Address: Remit-Mailbox@arcadis-us.com

Please include the invoice number on all payments and include remittance copy with all postal payments. Late payments will be assessed according to contract terms.

SES# 1123143432 Fax# 38046489
pay mly \$340.00

APPROVAL STAMP	
P.O. NO. <u>55130412/2</u>	INV. NO. <u>34271706</u>
COMPANY CODE: SCOO	COST CENTER _____
COST ELEMENT (GL ACCT.): <u>550300</u>	_____
ORDER: <u>3001017</u>	WBS: _____
APPROVED BY:	EMP. NO.:

JRuzar C10093 12/20/21

Transaction Details - Invoice Number 34271706

Project	Task	Contract Line
30083906 - 30083906 - JCPL Boonton	00007 - LSRP Services	8 - Task 00007

Labor

	Employee No. and Name	Date	Hours	Rate	This Invoice
	35155 - Thompson, David Weekly Status Call	10/13/2021	1.00	136.00	136.00
	35155 - Thompson, David Review ACO progress report	11/01/2021	0.50	136.00	68.00
	35155 - Thompson, David Review and update current timeframes	11/03/2021	1.00	136.00	136.00
			2.50		340.00
Total Labor					340.00 USD
Total This Task					340.00 USD
Total This Project					340.00 USD
Total This Invoice					340.00 USD
			Total This Invoice		340.00 USD

Ms. Jennifer Rusu
Jersey Central Power & Light Company (JCP&L)
300 Madison Avenue
P.O. Box 1911
Morristown, New Jersey 07962-1911

Arcadis
50 Millstone Road
Suite 220
East Windsor
New Jersey 08520
Tel 609.860.0590
Fax 609.860.8007
www.arcadis-us.com

Subject:
Monthly Progress Report (MPR) LSRP Services –November 2021
Boonton Former Manufactured Gas Plant Site
Boonton, New Jersey

ENVIRONMENT

Dear Ms. Rusu:

Date:
10 December 2021

The following summarizes Licensed Site Remediation Professional (LSRP) related project activities performed by Arcadis for the above referenced site during the billing period beginning 24 October 2021 and ending 21 November 2021.

Contact:
Jeremy Cuccuini

Section 1: Work Performed

Phone:
609.366.9033

The following work was performed during the period under Purchase Order Number 55115885:

Email:
Jeremy.cuccuini@arcadis-us.com

- LSRP time for review of the quarterly ACO reporting, project team calls and general project team communication.

Our ref:
30083906

If you have any questions about this report, please do not hesitate to contact the undersigned.

Sincerely,

Arcadis U.S., Inc.

Jeremy Cuccuini
Project Manager

Copies:
D. Scillieri, Arcadis