UNITED STATES BANKRUPTCY COURT SOUTHERN DISTRICT OF NEW YORK		
	X	
In re	:	Chapter 11 Case No.
MOTORS LIQUIDATION COMPANY, et al.,	:	09-50026 (REG)
f/k/a General Motors Corp., <i>et al.</i>	:	
Debtors.	:	(Jointly Administered)
	•-X	

## THIRD INTERIM APPLICATION OF THE CLARO GROUP, LLC FOR ALLOWANCE OF COMPENSATION AND REIMBURSEMENT OF EXPENSES FOR THE PERIOD FEBRUARY 1, 2010 – MAY 31, 2010

Name of Applicant:	<u>The Claro Group, LLC</u>
Authorized to Provide Professional Services to:	Motors Liquidation Company, f/k/a General Motors Corp., et al.
Date of Order Authorizing Employment:	August 3, 2009 (Effective June 1, 2009)
Period for which compensation and Reimbursement are sought:	February 1, 2010 through May 31, 2010
Amount of compensation sought as actual, reasonable, and necessary:	<u>\$527,315.50</u>
Amount of expense reimbursement sought as actual, reasonable, and necessary:	<u>\$7,886.51</u>
Prior Fee Applications:	First Interim Application (\$189,563 fees; \$888.05 expenses); <u>Second Interim</u> <u>Application (\$652,010.50 fees; \$9,138.41</u> <u>expenses), portions of which Fee</u> <u>Applications remain unpaid</u>

## THE CLARO GROUP, LLC 777 S. Figueroa Street, Suite 4050 Los Angeles, CA 90017 (213) 784-0190 (Telephone) (213) 452-6556 (Facsimile)

Environmental Management Consultants to the Debtor

UNITED STATES BANKRUPTCY COURT SOUTHERN DISTRICT OF NEW YORK		
In re	x : :	Chapter 11 Case No.
MOTORS LIQUIDATION COMPANY, et al., f/k/a General Motors Corp., et al.	:	09-50026 (REG)
Debtors.	: :	(Jointly Administered)
	: x	

## THIRD INTERIM APPLICATION OF THE CLARO GROUP, LLC AS ENVIRONMENTAL MANAGEMENT CONSULTANTS TO THE DEBTORS FOR ALLOWANCE OF COMPENSATION AND REIMBURSEMENT OF EXPENSES FOR THE PERIOD FEBRUARY 1, 2010 – MAY 31, 2010

The Claro Group, LLC ("Claro") respectfully files this Third Interim Application for

Allowance of Compensation and Reimbursement of Expenses (the "Fee Application") of Claro

as Environmental Management Consultants to Motors Liquidation Company (f/k/a General

Motors Corporation) ("GM") and its affiliated debtors, as debtors in possession (collectively, the

"Debtors"), for the period from February 1, 2010 through May 31, 2010 (the "Third Interim

Period"). This Fee Application is filed pursuant to §§ 328(a), 330(a) and 331 of Title 11 of the

United States Code (the "Bankruptcy Code"), Rule 2016(a) of the Federal Rules of Bankruptcy

Procedure (the "Bankruptcy Rules") and the Local Rules and Orders of this Court. In support of the Application, Claro states:

## JURISDICTION AND VENUE

1. On or about August 7, 2009, the Court signed an Order Pursuant to 11 U.S.C. §§

105(a) and 331 Establishing Procedures for Interim Compensation and Reimbursement of

Expenses of Professionals (the "Compensation Procedures Order") (Docket #3711). The

Compensation Procedures Order states, inter alia,

"Commencing with the period ending September 30, 2009, and at four month intervals thereafter (the "**Interim Fee Period**"), each of the retained professionals as set forth in paragraphs 3 and 4 herein (the "**Retained Professionals**") shall file with the Court an application (an "**Interim Fee Application**") for interim Court approval and allowance, pursuant to sections 330 and 331 of the Bankruptcy Code (as the case may be) of the compensation and reimbursement of expenses requested in the Monthly Statements served during such Interim Fee Period. Each Retained Professional shall file its Interim Fee Application no later than **45 days** after the end of the Interim Fee Period." [Emphasis in original.]

2. This Court has jurisdiction over this matter pursuant to 28 U.S.C. §§ 157 and

1334. This is a core proceeding pursuant to 28 U.S.C. § 157(b). Venue of the Debtors' Chapter

11 cases and this Fee Application in this District is proper pursuant to 28 U.S.C. §§ 1408 and

1409.

## **BACKGROUND**

3. On June 1, 2009 (the "Petition Date"), the Debtors filed voluntary petitions for

relief under chapter 11 of the Bankruptcy Code. The Debtors continue to operate their businesses and manage their properties as debtors-in-possession pursuant to sections 1107 and 1108 of the Bankruptcy Code. 4. On or about July 21, 2009, the Debtors filed an application (the "Retention Application") pursuant to 11 U.S.C. §§ 327(a) and 328(a) and Fed. R. Bankr. P. 2014 authorizing the retention and employment of Claro as an environmental management consulting services provider in connection with these chapter 11 cases, to assist the Debtors in determining the costs of actual and/or potential environmental liabilities arising from the Debtors' prepetition, historic operations. The Debtors sought to employ and retain Claro pursuant to the terms of the agreement between the Debtors and Claro dated and effective as of June 10, 2009 (the "Engagement Letter"). More specifically, Claro has been retained by the Debtors for its environmental management consulting expertise.

5. On or about August 3, the Court entered an Order authorizing the Debtors to retain and employ Claro *nunc pro tunc* to the Petition Date.

## **COMPENSATION REQUESTED**

6. By this Fee Application and in accordance with §§ 328, 330 and 331 of the Bankruptcy Code, Claro request allowance of fees in the amount of \$527,315.50, and ordinary and necessary expenses in the amount of \$7,886.51, for a total amount \$535,202.01.

7. Pursuant to the Compensation Procedures Order, all professionals retained in these cases are authorized to seek, on a monthly basis, compensation for professional services rendered and reimbursement of expenses incurred. In the absence of any objection to the monthly statement of fees and expenses incurred (the "Monthly Statements"), the Debtors can pay 80% of the professional fees requested and 100% of the expenses incurred. A tabulation of fees and expenses incurred, as well as payments received by Claro, for Monthly Statements to date is as follows:

Period Covered	Final Fees	Expenses	80% of Fees	80% of Fees Plus Expenses	Invoice	Payments Received
02/01/10 - 02/28/10	\$224,792.50	\$1,782.53	\$179,834.00	\$181,616.53	\$226,575.03	\$0.00
03/01/10 - 03/31/10	\$177,453.00	\$1,248.98	\$141,962.40	\$143,211.38	\$178,701.98	\$0.00
04/01/01 - 04/30/10	\$109,890.00	\$4,843.23	\$87,912.00	\$92,755.23	\$114,733.23	\$92,755.23
05/01/01 - 05/31/10	\$ 15,180.00	\$709.17	\$12,144.00	\$12,853.17	\$15,889.17	\$0.00
*Credit		-\$697.40				
Total	\$527,315.50	\$7,886.51	\$421,852.40	\$430,436.31	\$535,899.41	\$92,755.23

\*Deduction amount of \$697.40 (\$689.40 + \$8.00) travel expenses from the May invoice #15461

8. During the Third Interim Period, Claro has sought \$527,315.50, in professional fees and \$7,886.51 for expenses, of which \$87,912.00 in fees and \$4,843.23 in expenses, respectively, has been paid to date by the Debtors in accordance with the Compensation Procedures Order. As of the date of this Fee Application and excluding amounts unpaid under the First Fee Application and the Second Fee Application, Claro is owed \$439,403.50 for professional fees and \$3,043.28 for expenses incurred, which amounts have not yet been paid by the Debtors.

9. Claro has received no payment and no promises of payment from any other source for services rendered or to be rendered in any capacity whatsoever in connection with the matters covered by this Fee Application.

10. There is no agreement or understanding between Claro and any other person for the sharing of compensation to be received for services rendered in this case.

11. Claro submits that this Fee Application complies with sections 330 and 503(b)(l)(A) of Chapter 11 of Title 11 of the Bankruptcy Code, Rule 2016 of the Bankruptcy Rules, the Amended Guidelines for Fees and Expenses for Professionals in Southern District of New York Bankruptcy Cases adopted by the Court on April 19, 1995 (the "Local Guidelines") and the United States Trustee Guidelines for Reviewing Applications for Compensation and

Reimbursement of Expenses Filed Under 11 U.S.C. § 330, adopted on January 30, 1996 (the "UST Guidelines" collectively with the Local Guidelines, the "Guidelines").

## SUMMARY OF SERVICES PROVIDED

12. Attached as **Exhibit A** is a list of the Claro professionals who worked on the case during the Third Interim Period, along with the titles, and a summary of hours charged for the professionals whose services are being billed in connection with this case. Attached as **Exhibit B** is a summary of hours incurred for each category of work performed by Claro. Attached as **Exhibit C** is a summary of actual out-of-pocket expenses incurred during the Third Interim Period for each category of expenses. Attached as **Exhibit D** are the detailed time entries during the Third Interim Period, for each category of work performed by Claro. Attached as **Exhibit E** is the certification of Douglas H. Deems with respect to the Fee Application pursuant to the Local Guidelines.

13. In accordance with the Retention Application and the Engagement Letter, the following is a detailed description of the major tasks performed during the Third Interim Period. These tasks, and the related hours incurred, are separated into the following matters:

## Site-level Decision Tree/Cost Analysis (Task 1—1,312.40 hours)

14. During the Third Interim Period, Claro provided assistance to the Debtors in estimating potential remediation costs associated with 6 major sites utilizing decision-trees and other probabilistic analyses as appropriate. To perform this analysis, Claro worked with Debtors and other consultants to Debtors (primarily Arcadis) to help develop the structure, probability and magnitude of estimates used as the bases for the decision-tree analyses. These analyses are updated based on development of new information from time to time.

## Portfolio-level Cost Analysis (Task 2—149.90 hours)

15. During the Third Interim Period, Claro provided assistance to the Debtors in developing an analysis of portfolio-level costs for the sites in the Debtors portfolio that were not subject to detailed decision-tree analysis. This analysis is updated based on development of new information from time to time.

## Discounted Cash Flow Analysis (Task 3—27.55 hours)

16. During the Third Interim Period, Claro provided assistance to the Debtors in providing analysis of discount rates, inflation rates and application of those rates to cash flows associated with the remediation sites for the purpose of calculating present values and inflated cash flows, as appropriate.

## Insurance Analysis and Presentation to Insurance Markets (Task 4-2.20 hours)

17. During the Third Interim Period, Claro provided assistance to the Debtors in providing analysis and presentations to certain insurance markets utilizing the decision tree and portfolio analysis, adapted as appropriate, for the purposes of seeking underwriting of remediation and other risks by certain insurance markets.

## Presentations and Communications to Stakeholders (Task 5—117.80 hours)

18. During the Third Interim Period, Claro provided assistance to the Debtors in leading and/or participating in meetings with various parties, including various environmental Regulators and their representatives, Creditors and their representatives and Debtors and Debtors' other consultants, for the purpose of discussing decision-tree analyses and portfolio analyses as appropriate.

## Steering Committee and Project Management (Task 6—56.30 hours)

19. During the Third Interim Period, Claro provided assistance to the Debtors in working with Debtors' other consultants to plan and respond to project requirements, including development of decision-tree analyses, portfolio analyses and other analyses as appropriate.

## Fee Application and Other Job Administration (Task 7-130.25 hours)

20. During the Third Interim Period, in connection with Claro's retention by the Debtors, Claro prepared the First Interim Fee Application and supporting exhibits and declaration. In addition, Claro was compelled to respond to various correspondence, emails, draft and final versions of the Fee Examiner's Report and Statement of Limited Objections to Claro's First Interim Fee Application and other communications from the Fee Examiner in connection with Claro's First Interim Fee Application. Claro has also provided monthly budgets as requested by the Fee Examiner and has prepared and submitted its invoices in compliance with guidelines as required by the U.S. Trustee.

21. The work performed by Claro was not duplicative of any other retained professional. The work of Claro in this bankruptcy estate is continuing and not complete.

22. Claro submits that the foregoing services were necessary to the administration of this Chapter 11 case, were necessary and beneficial to the Debtors' estates at the time such services were rendered, and were performed without unnecessary duplication of effort or expense. Claro's request for compensation of the foregoing services is reflective of a reasonable and appropriate amount of time expended in performing such services commensurate with the complexity, importance and nature of the problem, issue and task involved.

### NOTICE

23. Notice of this Fee Application will be provided by counsel for the Debtors pursuant to the Compensation Procedures Order

WHEREFORE, Claro respectfully request that this Court enter an order: (i) allowing Claro's request for compensation in the sum of \$527,315.50 for actual, reasonable and necessary professional services rendered as environmental consultants to the Debtors during the Compensation Period; (ii) directing the Debtors to pay to Claro the full amount of such compensation to the extent not already paid; and (iii) directing the Debtors to reimburse Claro in the amount of \$7,886.51 for actual, reasonable and necessary expenses incurred during the Compensation Period, to the extent not already reimbursed.

Dated: Los Angeles, California August 2, 2010

THE CLARO GROUP, LLC

Douglas H. Deems, Managing Director 777 S. Figueroa Street, Suite 4050 Los Angeles, CA 90017

*Environmental and Management Consultants to the Debtors* 

## SUMMARY OF PROFESSIONAL TIME CHARGES AND FEES FOR THE PERIOD FEBRUARY 1, 2010 THROUGH MAY 31, 2010

## EXHIBIT A

Claro's professional services listed below rendered during the Third Interim period of 02/01/10 - 05/31/10 which consists of hours worked, rates and the calculated fees.

NAME	TITLE	HOURS	RATE	AMOUNT
Chambers, Marjorie	Admin	7.00	\$ 110.00	\$ 770.00
Deems, Douglas	Managing Director	25.95	\$ 500.00	\$ 12,975.00
Forrester, Andrew	Consultant	244.05	\$ 175.00	\$ 42,708.75
Gennity, Kelley	Consultant	1.95	\$ 175.00	\$ 341.25
Hansen, George	Managing Director	325.65	\$ 500.00	\$ 162,825.00
*Hansen, George	Managing Director	2.80	\$ 250.00	\$ 700.00
Killian, Karl	Managing Director	10.70	\$ 450.00	\$ 4,815.00
Ko, Darlene	Manager	209.25	\$ 225.00	\$ 47,081.25
Krock, Joe	Director	7.65	\$ 395.00	\$ 3,021.75
Menees, Rob	Director	169.60	\$ 295.00	\$ 50,032.00
Mora, Carina	Admin	7.25	\$ 110.00	\$ 797.50
Patti, Maria	Analyst	334.60	\$ 155.00	\$ 51,863.00
Spinks, Tracy	Exp. Manager	0.50	\$ 285.00	\$ 142.50
Twellman, Brian	Principal	452.25	\$ 330.00	\$ 149,242.50
TOTALS		1,799.20		\$ 527,315.50

\* Travel time billed at half of standard rate

Total Fees:	\$ 527,315.50

Total Expenses: <u>\$ 7,886.51</u>

Total Fees & Expenses <u>\$ 535,202.01</u>

## SUMMARY OF PROFESSIONAL TIME CHARGES AND FEES FOR THE PERIOD FEBRUARY 1, 2010 THROUGH MAY 31, 2010

## EXHIBIT B

Claro's summary of hours incurred by category / task code

Task Code			
Site-level D-Tree Cost Analysis Total	1,312.40	\$ 354,130	).75
Portfolio-level Cost Analysis Total	149.90	\$ 41,111	1.50
Discounted Cash Flow Cost Analysis Total	27.55	\$ 8,440	).25
Insurance Analysis/Presentations Cost Analysis Total	2.20	\$ 558	8.00
Presentations/Communications with Stakeholders Cost Analysis Total	117.80	\$ 55,976	5.00
Steering Committee & Project Management Cost Analysis Total	56.30	\$ 25,600	).00
Fee Application & Other Job Administration Cost Analysis Total	130.25	\$ 40,799	9.00
Travel Time Total	2.80	\$ 700	0.00
Grand Total	1799.20	\$ 527,315	i.50

## SUMMARY OF PROFESSIONAL TIME CHARGES AND FEES FOR THE PERIOD FEBRUARY 1, 2010 THROUGH MAY 31, 2010

## EXHIBIT C

## Claro's summary of expenses incurred

Expense Details								
NAME	DATE	DESCRIPTION	AMOUNT					
Fox,Michae	2/1/2010	Soundpath Conferencing	\$1.61					
Fox,Michae	2/1/2010	Soundpath Conferencing	\$14.64					
Fox,Michae	2/1/2010	Soundpath Conferencing	\$9.97					
Fox,Michae	2/2/2010	Soundpath Conferencing	\$31.41					
Hansen,Geo	2/23/2010	Airfare to Boston for Brattle meeting re: GM	\$1,724.90					
Hansen,Geo	3/1/2010	Airfare to PHL for GM meeting	\$838.90					
Hansen,Geo	3/2/2010	Renaissance - hotel stay in NJ for GM meeting	\$174.80					
Hansen,Geo	3/1/2010	Amtrak - train from PHL to NJ for GM meeting	\$65.00					
Forrester, A	3/31/2010	Frank's Pizza - Dinner bought for GM team w hile w orking late	\$25.00					
Tw ellman,B	3/3/2010	Frank's Pizza - Project dinner in office GM team w hile w orking late	\$35.50					
Mora,Carin		FedEx - 1 shipment, letter to Carla Andres of Godfrey & Kahn	\$16.54					
Chambers, M	3/9/2010	FedEx - 6 shipments to invoice recipients for Jan invoice	\$93.24					
Hansen,Geo	4/12/2001	Airfare to DC for GM meeting	\$1,645.90					
Hansen,Geo	3/31/2010	Airfare to Boston for GM meeting	\$1,205.90					
Hansen,Geo	4/1/2010	Charles Hotel - lodging in Boston for GM meeting	\$354.60					
Hansen,Geo	4/14/2010	Westin - hotel stay for tw o nights in DC for GM meeting	\$1,030.38					
Hansen,Geo	3/1/2010	Sheraton - hotel in PHL for GM meeting	\$193.75					
Hansen,Geo	3/1/2010	Taxi in PHL for GM meeting	\$28.50					
Patti, M	4/2/2010	Alonti - Lunch for GH and BT during GM conf. call	\$13.38					
Hansen,Geo	4/13/2010	Georgia Brow n's - meal in DC w hile there for GM meeting	\$70.18					
Chambers, M	4/19/2010	FedEx - 6 shipments to invoice recipients for March invoice	\$92.82					
Chambers, M	3/29/2010	FedEx - 3 shipments to invoice recipients for February invoice	\$52.44					
Chambers, M	3/22/2010	FedEx - 6 shipments to invoice recipients for revised Jan invoice	\$104.88					
Chambers, M	3/29/2010	FedEx - 3 shipments to invoice recipients for February invoice	\$50.50					
LaPorte, T	5/10/2010	FedEx - 1 shipment to Anthony Muzzin at AlixPartners	\$11.77					
		Total	\$7,886.51					

SUMMARY OF PROFESSIONAL TIME CHARGES AND FEES FOR THE PERIOD FEBRUARY 1, 2010 THROUGH MAY 31, 2010

## EXHIBIT D

Claro's detailed time entries for each category worked (continued on next page)

Service	Staff	Description	Rate	Hours	Amount
Tree Cost An	alvsis				
	Hansen	Conference call on Buick City w. R. Hare, R. Menees, S. Gaito, D. McMurtry, Arcadis	\$ 500.00	1.40	\$ 700.00
02/01/2010	Hansen	Conference call on Willow Run w. R. Hare, R. Menees, S. Gaito, D. McMurtry, Arcadis	\$ 500.00	1.60	\$ 800.00
02/01/2010	Hansen	Discussion of status of Syracuse analysis with S. Gaito	\$ 500.00	0.30	
	Hansen	Review status of site analyses for portfolio	\$ 500.00	1.30	\$ 650.00
	Twellman	Conf call about WR site w. R. Hare, R. Menees, S. Gaito, D. McMurtry, Arcadis	\$ 330.00	1.60	\$ 528.00
	Twellman	Conf call about BC site w. R. Hare, R. Menees, S. Gaito, D. McMurtry, Arcadis	\$ 330.00	1.50	\$ 495.00
	Menees	Teleconference with MLC team, R. Hare, S. Gaito, D. McMurtry re Buick City LNAPL and cost estimates	\$ 295.00	1.40	\$ 413.00
	Menees	Revisions to decision tree for Willow Run	\$ 295.00	1.40	\$ 531.00
	Menees	Revisions to decision tree for Buick City	\$ 295.00	1.00	\$ 354.00
		Teerson's to decision rule for back city Teleconference with MLC team, R. Hare, S. Gaito, D. McMurtry re Willow Run LNAPL and cost estimates	\$ 295.00	1.60	
	Menees	Call with Arcadis, Rob Menees, George Hansen, Maria Patti and Brian Twellman discussing decision tree revisions for			
	Forrester	Buick City. Call with Arcads, Rob Menees, George Hansen, Maria Patti and Brian Twellman discussing decision tree revisions for	\$ 175.00	1.40	
	Forrester	Willow Run. Call with Arcadis, Rob Menees, George Hansen, Brian Twellman and Andrew Forrester discussing decision tree revisions	\$ 175.00	1.60	\$ 280.0
02/01/2010		for Buick City. Call with Arcadis, Rob Menees, George Hansen, Brian Twellman and Andrew Forresterdiscussing decision tree revisions	\$ 155.00	1.40	\$ 217.0
02/01/2010	Patti	for Willow Run.	\$ 155.00	1.60	\$ 248.0
02/02/2010	Hansen	Phone call on [billing detail redacted for privilege purposes] sites w/ D. McMurtry, S. Gaito, Arcadis	\$ 500.00	1.40	\$ 700.0
02/02/2010	Hansen	Phone call on Massena analysis with D. McMurtry, R. Kapp, P. Barnett, B. Twellman	\$ 500.00	1.60	\$ 800.0
02/02/2010	Hansen	Review Massena analysis with B. Twellman	\$ 500.00	1.10	\$ 550.0
02/02/2010	Hansen	Phone call on Massena/status w/ D. McMurtry	\$ 500.00	0.30	\$ 150.0
02/02/2010	Twellman	Update Massena analysis and EV	\$ 330.00	1.70	\$ 561.
02/02/2010	Twellman	Phone call on [billing detail redacted for privilege purposes] sites w/ D. McMurtry, S. Gaito, Arcadis	\$ 330.00	1.40	\$ 462.
02/02/2010	Twellman	Update [billing detail redacted for privilege purposes] analysis and EV	\$ 330.00	1.30	\$ 429.
02/02/2010	Twellman	Phone call on Massena analysis with D. McMurtry, R. Kapp, P. Barnett, B. Twellman	\$ 330.00	1.60	\$ 528.0
02/02/2010	Menees	Revisions to decision tree for Willow Run	\$ 295.00	1.10	\$ 324.
02/02/2010	Menees	Revisions to decision tree for Buick City	\$ 295.00	0.80	\$ 236.0
02/02/2010	Forrester	Compare/update [billing detail redacted for privilege purposes] Site D-Tree.	\$ 175.00	1.20	\$ 210.
02/02/2010	Forrester	Update volume Comparison by Scenario worksheet.	\$ 175.00	0.30	\$ 52.
02/03/2010	Hansen	Research Garland Road potential costs	\$ 500.00	1.20	\$ 600.
02/03/2010	Hansen	Discuss modifications to Massena analysis backup w/ B. Twellman	\$ 500.00	0.30	\$ 150.
02/03/2010	Hansen	Review potential (billing detail redacted for privilege purposes) claim quantification (billing detail redacted for privilege purposes)	\$ 500.00	2.30	\$ 1,150.
02/03/2010	Hansen	Prepare for and phone call re: [billing detail redacted for privilege purposes], likelihood and magnitude	\$ 500.00	1.10	\$ 550.
02/03/2010	Twellman	Update Massena analysis and EV	\$ 330.00	1.50	\$ 495.0
02/03/2010	Menees	Correspondence with Claro staff re [billing detail redacted for privilege purposes]	\$ 295.00	0.40	\$ 118.0
02/03/2010	Menees	Correspondence with Arcadis staff re revisions to Willow Run LNAPL volume estimates and cost estimates	\$ 295.00	0.70	\$ 206.
02/03/2010	Menees	Review revisions to Willow Run LNAPL volume estimates and cost estimates	\$ 295.00	0.80	\$ 236.0
02/03/2010	Forrester	Update worksheets for Massena EPA comparison	\$ 175.00	2.70	\$ 472.
02/03/2010	Patti	Create cash flow model for Garland Road site.	\$ 155.00	2.20	\$ 341.
02/04/2010	Hansen	Review Willow Run (billing detail redacted for privilege purposes)	\$ 500.00	0.50	\$ 250.
02/04/2010	Hansen	Discuss [billing detail redacted for privilege purposes] with Twellman/Menees	\$ 500.00	0.70	\$ 350.0
	Hansen	Discuss Willow Run [billing detail redacted for privilege purposes] analysis with Gaito, McMurtry	\$ 500.00	0.30	\$ 150.0
		Review [billing detail redacted for privilege purposes] CF model backup tabs.	\$ 330.00	1.50	\$ 495.
	Twellman	Discuss (billing detail redacted for privilege purposes) Massena analysis	\$ 330.00	1.20	\$ 396.0
02/04/2010	Menees	Discussion with Claro staff re [billing detail redacted for privilege purposes] analysis for [billing detail redacted for privilege purposes] sites	\$ 295.00	0.40	
					\$ 1,062.0
02/04/2010		Develop draft (hilling detail reducted for privilege purposes) analysis for (hilling detail reducted for privilege purposes) sites	¢ 205.00		
02/04/2010 02/04/2010	Menees	Develop draft [billing detail redacted for privilege purposes] analysis for [billing detail redacted for privilege purposes] sites Correspondence with Claro staff re [billing detail redacted for privilege purposes] analysis for [billing detail redacted for privilege purposes] and purposes and purposes analysis for [billing detail redacted for privilege purposes] analysi	\$ 295.00	3.60	
02/04/2010 02/04/2010 02/04/2010	Menees Menees	Correspondence with Claro staff re [billing detail redacted for privilege purposes] analysis for [billing detail redacted for privilege purposes] sites	\$ 295.00	0.30	\$ 88.5
02/04/2010 02/04/2010 02/04/2010 02/04/2010	Menees Menees Forrester	Correspondence with Claro staff re (billing detail redacted for privilege purposes) analysis for (billing detail redacted for privilege purposes) sites Update (billing detail redacted for privilege purposes) CF model backup tabs.	\$ 295.00 \$ 175.00	0.30	\$ 88.5 \$ 665.0
02/04/2010 02/04/2010 02/04/2010 02/04/2010 02/04/2010	Menees Menees	Correspondence with Claro staff re [billing detail redacted for privilege purposes] analysis for [billing detail redacted for privilege purposes] sites	\$ 295.00	0.30	\$ 88.5

Servi	ce	Staff	Description		Rate	Hours	A	mount
02/05/20	010 H	Hansen	Identify [billing detail redacted for privilege purposes] scenarios	\$	500.00	0.90	\$	450.00
02/05/20	010 H	Hansen	Willow Run Conf. call with McMurtry, Arcadis, Hashem, Menees	\$	500.00	1.30	\$	650.00
02/05/20	010 H	Hansen	Review analysis of O&M [billing detail redacted for privilege purposes]	\$	500.00	1.30	\$	650.00
02/05/20	010 H	Hansen	Review [billing detail redacted for privilege purposes] sites [billing detail redacted for privilege purposes]	\$	500.00	0.40	\$	200.00
02/05/20	010	Twellman	Review [billing detail redacted for privilege purposes] O&M assumptions for all sites.	\$	330.00	1.50	\$	495.00
02/05/20	010	Twellman	Review update [billing detail redacted for privilege purposes] decision tree and results	\$	330.00	1.60	\$	528.00
02/05/20	010	Twellman	Update [billing detail redacted for privilege purposes] O&M analysis.	\$	330.00	0.70	\$	231.00
02/05/20	010	Twellman	Review (billing detail redacted for privilege purposes) O&M assumptions and discuss analysis [billing detail redacted for privilege purposes]	\$	330.00	1.30	\$	429.00
02/05/20	010 I	Menees	Discussion with Claro staff [billing detail redacted for privilege purposes] analysis for [billing detail redacted for privilege purposes] sites	\$	295.00	2.20	\$	649.00
02/05/20	010 I	Menees	Develop [billing detail redacted for privilege purposes] analysis for [billing detail redacted for privilege purposes] sites	\$	295.00	1.80	\$	531.00
02/05/20	010 I	Menees	Develop draft scenario descriptions for [billing detail redacted for privilege purposes] analysis for [billing detail redacted for privilege purposes] sites	\$	295.00	3.60	\$	1,062.00
02/05/20	010 I	Menees	Teleconference with MLC team re Willow Run LNAPL and cost estimates	\$	295.00	1.60	\$	472.00
02/05/20	010 I	Menees	Discussion with Claro staff re Willow Run revised cost analysis	\$	295.00	0.30	\$	88.50
02/05/20	010 I	Forrester	Add subtotals to [billing detail redacted for privilege purposes] worksheet.	\$	175.00	0.80	\$	140.00
02/05/20		Forrester	Begin to develop [billing detail redacted for privilege purposes] site summary Word document [billing detail redacted for privilege purposes].	\$	175.00	0.80	\$	140.00
02/05/20		Forrester	Update [billing detail redacted for privilege purposes] site cash flow model.	\$	175.00	1.70		297.50
02/05/20		Forrester	Update Massena CF model (billing detail redacted for privilege purposes). Run @risk results.	\$	175.00	1.80		315.00
02/05/20		Patti	Discuss [billing detail redacted for privilege purposes] analyses of [billing detail redacted for privilege purposes] sites with Rob Menees.	\$	155.00	2.10	\$	325.50
02/05/20		Patti	Create discounted cash flow model for 10 sites (billing detail redacted for privilege purposes).	\$	155.00	3.80		589.00
02/05/20		Patti	Edit cash flow model for O&M [billing detail redacted for privilege purposes].	\$	155.00	1.70	\$ \$	263.50
02/08/20		Hansen	Willow Run phone call with R. Menees, Arcadis	\$	500.00	1.10		550.00
02/08/20		Hansen	Syracuse phone call	\$ \$	500.00	1.10	9 \$	600.00
		Tweliman	Review update Massena decision tree and results based on phone call w Arcadis	\$	330.00	1.20	\$ \$	594.00
02/08/20		Twellman	Review update Wassena decision tree and results based on phone can w Arcadis Review update Syracuse decision tree and results based on phone call w Arcadis					
02/08/20				\$	330.00	1.50	\$	495.00
02/08/20		Twellman	Syracuse and Massena phone call w Ray Kapp, Pam Barnett, D McMurtry, S Gaito	\$	330.00	1.70	\$	561.00
02/08/20		Menees	Teleconference with MLC team re Willow Run LNAPL and cost estimates Develop [billing detail redacted for privilege purposes] scenario descriptions for [billing detail redacted for privilege	\$	295.00	1.10		324.50
02/08/20		Menees	purposes] analysis for [billing detail redacted for privilege purposes] sites	\$	295.00	3.80	\$	1,121.00
02/08/20		Menees	[billing detail redacted for privilege purposes] analysis for Buick City site	\$	295.00	3.60	\$	1,062.00
02/08/20		Menees	Correspondence with Claro staff re Willow Run decision tree revisions and revised cost estimates	\$	295.00	0.60	\$	177.00
02/08/20		Forrester	Update (billing detail redacted for privilege purposes) D-Tree and CF Model.	\$	175.00	2.80	\$	490.00
02/08/20		Forrester	Update Massena D-Tree and CF Model.	\$	175.00	1.80	\$	315.00
02/08/20		Patti	Assemble documents and create binder for G. Hansen.	\$	155.00	2.10		325.50
02/08/20		Hansen	Review/comment [billing detail redacted for privilege purposes] Whitepaper draft	\$	500.00	2.40		1,200.00
02/09/20		Hansen	Review Massena [billing detail redacted for privilege purposes] presentation status	\$	500.00	0.40	\$	200.00
02/09/20	010 H	Hansen	Review [billing detail redacted for privilege purposes] analysis	\$	500.00	0.60	\$	300.00
02/09/20	010 H	Hansen	Review [billing detail redacted for privilege purposes] Analysis	\$	500.00	0.70	\$	350.00
02/09/20	010 H	Hansen	Review EV Cash Flow analysis provided to MLC	\$	500.00	0.80	\$	400.00
02/09/20	010 H	Hansen	Comments on [billing detail redacted for privilege purposes] O&M [billing detail redacted for privilege purposes] analysis	\$	500.00	0.80	\$	400.00
02/09/20	010 H	Hansen	Summarize items (billing detail redacted for privilege purposes) re: Syracuse	\$	500.00	0.60	\$	300.00
02/09/20	010	Twellman	Review update Syracuse decision tree and results for demo revisions	\$	330.00	2.00	\$	660.00
02/09/20	010	Twellman	Update Massena volume [billing detail redacted for privilege purposes] schedules	\$	330.00	1.60	\$	528.00
02/09/20	010	Twellman	Review update Massena decision tree and results [billing detail redacted for privilege purposes]	\$	330.00	2.50	\$	825.00
02/09/20	010	Twellman	Review update Willow Run decision tree and results [billing detail redacted for privilege purposes]	\$	330.00	1.80	\$	594.00
02/09/20	010	Twellman	Create EV Cash Flow analysis for 6 decision tree sites provided to MLC	\$	330.00	1.60	\$	528.00
02/09/20	010	Menees	Revisions to decision tree for Willow Run	\$	295.00	1.60	\$	472.00
02/09/20	010	Menees	Correspondence with MLC team re Willow Run decision tree [billing detail redacted for privilege purposes]	\$	295.00	0.30	\$	88.50
02/09/20	010	Menees	Analysis of [billing detail redacted for privilege purposes] Buick City site	\$	295.00	3.60	\$	1,062.00
02/09/20	010	Menees	[billing detail redacted for privilege purposes] analysis for Willow Run site Develop (billing detail redacted for privilege purposes) accessing (billing detail redacted for privilege purposes) analysis for	\$	295.00	1.20	\$	354.00
02/09/20	010	Menees	Develop [billing detail redacted for privilege purposes] scenario [billing detail redacted for privilege purposes] analysis for six sites	\$	295.00	1.90	\$	560.50

	Service	Staff	Description		Rate	Hours	A	Amount
(	02/09/2010	Menees	[billing detail redacted for privilege purposes] analysis for Willow Run site	\$	295.00	1.80	\$	531.00
0	02/09/2010	Patti	Review Massena [billing detail redacted for privilege purposes] volumes and baseline estimate.	\$	155.00	0.70	\$	108.50
(	02/09/2010	Patti	Create [billing detail redacted for privilege purposes] volumes tables.	\$	155.00	3.80	\$	589.00
(	02/09/2010	Twellman	Review and update [billing detail redacted for privilege purposes] scenarios for six sites	\$	330.00	1.50	\$	495.00
(	02/09/2010	Twellman	Update (billing detail redacted for privilege purposes).	\$	330.00	2.00	\$	660.00
(	2/09/2010	Patti	Update O&M [billing detail redacted for privilege purposes] with comments from David McMurtry.	\$	155.00	0.80	\$	124.00
(	02/10/2010	Hansen	Review/comment workproduct [billing detail redacted for privilege purposes]	\$	500.00	0.30	\$	150.00
(	02/10/2010	Hansen	Work on [billing detail redacted for privilege purposes] Analysis for Hyatt Clark, Moraine	\$	500.00	2.80	\$	1,400.00
(	02/10/2010	Hansen	Work on [billing detail redacted for privilege purposes] Analysis for Moraine	\$	500.00	2.90	\$	1,450.00
(	02/10/2010	Hansen	Discuss Massena, [billing detail redacted for privilege purposes] analysis with B. Twellman	\$	500.00	0.30	\$	150.00
(	02/10/2010	Hansen	Develop/communicate demo/lease analysis for Syracuse	\$	500.00	0.60	\$	300.00
(	02/10/2010	Twellman	Review update Syracuse decision tree and results for revisions to remediation alternative	\$	330.00	1.60	\$	528.00
(	02/10/2010	Twellman	Review update Massena decision tree and [billing detail redacted for privilege purposes] volume estimates	\$	330.00	1.50	\$	495.00
(	02/10/2010	Twellman	Update Massena volume [billing detail redacted for privilege purposes]	\$	330.00	1.10	\$	363.00
(	02/10/2010	Twellman	Review [billing detail redacted for privilege purposes] decision tree assumptions w S Gaito	\$	330.00	0.70	\$	231.00
(	02/10/2010	Twellman	Review [billing detail redacted for privilege purposes] and Massena decision tree and results w GGH	\$	330.00	0.30	\$	99.00
(	02/10/2010	Twellman	Update [billing detail redacted for privilege purposes] O&M analysis based on Arcadis O&M analysis.	\$	330.00	1.80	\$	594.00
(	02/10/2010	Menees	[billing detail redacted for privilege purposes] analysis for Willow Run site	\$	295.00	3.70	\$	1,091.50
(	02/10/2010	Menees	[billing detail redacted for privilege purposes] analysis for Buick City site	\$	295.00	0.90	\$	265.50
(	02/10/2010	Menees	Update [billing detail redacted for privilege purposes] analysis for six sites	\$	295.00	0.80	\$	236.00
(	02/10/2010	Menees	Develop background and overview for [billing detail redacted for privilege purposes] analysis for [billing detail redacted for privilege purposes] sites	\$	295.00	3.60	\$	1,062.00
(	02/10/2010	Ko	Update [billing detail redacted for privilege purposes] D-Tree	\$	225.00	2.70	\$	607.50
	02/10/2010	Ко	Create support tabs for [billing detail redacted for privilege purposes] Site [billing detail redacted for privilege purposes].	\$	225.00	3.60	\$	810.00
Г	02/10/2010	Ko	QC support tabs and Discounted Cash Flows for Updated (billing detail redacted for privilege purposes).	\$	225.00	1.90	\$	427.50
(	02/10/2010	Forrester	Run [billing detail redacted for privilege purposes] Massena scenarios [billing detail redacted for privilege purposes].	\$	175.00	0.80	\$	140.00
Г	02/10/2010	Forrester	Manually calculate baseline scenario for Massena (most likely path with mid volumes).	\$	175.00	1.80	\$	315.00
(	02/10/2010	Forrester	Create a new Volume Summary worksheet for Massena.	\$	175.00	2.80	\$	490.00
(	)2/10/2010	Patti	Update [billing detail redacted for privilege purposes] Decision Tree	\$	155.00	1.40	\$	217.00
(	02/10/2010	Patti	Run @risk for [billing detail redacted for privilege purposes] Cash Flow Model.	\$	155.00	0.30	\$	46.50
Г	2/10/2010	Patti	Create Projects by Year models for Massena and Buick City.	\$	155.00	1.90	\$	294.50
(	2/10/2010	Patti	Update all support tabs for [billing detail redacted for privilege purposes] Cash Flow Model (2009, Discounted, and Summary tabs).	\$	155.00	3.70	\$	573.50
Γ	02/11/2010	Hansen	Work on [billing detail redacted for privilege purposes] Analysis for Moraine, other sites	\$	500.00	2.30	\$	1,150.00
Г			Review Massena, Syracuse	\$	500.00	0.70	\$	350.00
Г	02/11/2010	Hansen	Buick City review call w. D. McMurtry, Arcadis	\$	500.00	1.50		750.00
Γ	02/11/2010	Twellman	Review (billing detail redacted for privilege purposes) decision tree and results w S Gaito	\$	330.00	0.50	\$	165.00
0	02/11/2010	Twellman	Update Massena volume by area and concentration schedules	\$	330.00	1.60	\$	528.00
Г	02/11/2010	Twellman	Update Massena decision tree and results	\$	330.00	0.90	\$	297.00
Γ	02/11/2010	Twellman	Review update Massena decision tree and results w GGH	\$	330.00	0.30	\$	99.00
Г	02/11/2010	Twellman	Update [billing detail redacted for privilege purposes] O&M analysis based on Arcadis O&M analysis.	\$	330.00	1.50	\$	495.00
Г	02/11/2010	Twellman	Update Syracuse decision tree and results	\$	330.00	1.40	\$	462.00
Г	02/11/2010	Twellman	Review update Syracuse decision tree and results w GGH	\$	330.00	0.40	\$	132.00
Г	02/11/2010	Menees	Correspondence with Claro staff re (billing detail redacted for privilege purposes) analysis	\$	295.00	0.40	\$	118.00
Г	02/11/2010	Menees	Develop background and overview for [billing detail reducted for privilege purposes] analysis for [billing detail reducted for privilege purposes] and purposes] and purposes] and purposes] analysis for [billing detail reducted for privilege purposes] and purposes] analysis for [billing detail reducted for privilege purposes] and purposes]	φ \$	295.00	3.80	\$ \$	1,121.00
Г	02/11/2010		Revisions to Buick City decision tree	\$	295.00	0.40	\$	118.00
Г	02/11/2010	Menees	Revisions to decision tree for Willow Run	э \$	295.00	1.20	э \$	354.00
Г			Revisions to decision tree for winow Run Correspondence with Arcadis staff re revisions to Willow Run LNAPL volume estimates and cost estimates	э \$				
Γ	02/11/2010		Correspondence with Arcadis start revisions to while Run LIVAPL volume estimates and cost estimates Teleconference with MLC team, G. Hansen, D. McMurtry, Arcadis re Willow Run LIVAPL and cost estimates	\$ \$	295.00	0.60	\$ ¢	383 50
Г	02/11/2010	Menees			295.00	1.30	<del>(</del> )	383.50
Г	02/11/2010		Update analysis of [billing detail redacted for privilege purposes] for [billing detail redacted for privilege purposes] sites	\$	295.00	0.40	\$	720.00
Ľ	02/11/2010	Ko	Continue QC of [billing detail redacted for privilege purposes] Site with [billing detail redacted for privilege purposes].	\$	225.00	3.20	\$	720.00

Servic	e Staff	Description		Rate	Hours	Amount
02/11/201	0 Ko	Re-run Updated [billing detail redacted for privilege purposes] Site through @ Risk program and provide QC Comparison.	\$	225.00	2.80	\$ 630.00
	0 Forrester	Reconcile Claro Massena baseline with Brattle baseline.	\$	175.00	1.50	\$ 262.50
02/11/201		Update Syracuse CF model and D-Tree.	\$	175.00	2.80	\$ 490.00
	0 Forrester	Updates to Massena CF Model, D-Tree, and Volume Comparison worksheet.	\$	175.00	3.80	\$ 665.00
02/11/201		Update [billing detail redacted for privilege purposes] model and generate results in @risk.	\$	155.00	1.20	\$ 186.00
02/11/201		Format [billing detail redacted for privilege purposes] Cash Flow Model.	\$	155.00	1.30	\$ 201.50
02/12/201		Review update Buick City decision tree and results in advance of Brattle call	\$	330.00	1.50	\$ 495.00
02/12/201		Review update Syracuse decision tree and results in advance of Brattle call	\$	330.00	1.60	\$ 528.00
02/12/201		Review update Massena decision tree and results in advance of Brattle call	\$	330.00	1.80	\$ 594.00
02/12/201		Phone call with D. McMurtry, S. Gaito, A. Rothchild RE: debrief Brattle call	\$	330.00	0.50	\$ 165.00
		Revisions to decision tree for Willow Run				
	0 Menees		\$	295.00	2.20	\$ 649.00
02/12/201		Correspondence with Claro staff re [billing detail redacted for privilege purposes] analysis	\$	295.00	0.30	\$ 88.50
02/12/201		Update [billing detail redacted for privilege purposes] analysis for [billing detail redacted for privilege purposes] sites	\$	295.00	0.40	\$ 118.00
02/12/201		Correspondence with Arcadis staff re revisions to Willow Run LNAPL volume estimates and cost estimates Develop background for [billing detail redacted for privilege purposes] analysis for [billing detail redacted for privilege	\$	295.00	0.60	\$ 177.00
02/12/201	0 Menees	purposes] sites	\$	295.00	2.30	\$ 678.50
02/12/201	0 Menees	Revisions to decision tree for Buick City Add footnotes and assumptions to Updated [billing detail redacted for privilege purposes] Site [billing detail redacted for	\$	295.00	1.80	\$ 531.00
02/12/201	0 Ko	privilege purposes).	\$	225.00	3.10	\$ 697.50
02/12/201	0 Forrester	Run [billing detail redacted for privilege purposes]	\$	175.00	1.80	\$ 315.00
02/12/201	0 Forrester	Run [billing detail redacted for privilege purposes] Massena [billing detail redacted for privilege purposes].	\$	175.00	2.80	\$ 490.00
02/14/201	0 Menees	Prepare summary analysis (billing detail redacted for privilege purposes)	\$	295.00	3.40	\$ 1,003.00
02/14/201	0 Menees	Correspondence with Arcadis staff re Willow Run cost estimates	\$	295.00	0.80	\$ 236.00
02/15/201	0 Hansen	Work on [billing detail redacted for privilege purposes] summary and review of all sites	\$	500.00	3.90	\$ 1,950.00
02/15/201	0 Hansen	Review [billing detail redacted for privilege purposes] information	\$	500.00	0.40	\$ 200.00
02/15/201	0 Hansen	Review Buick City, Willow Run cost scenarios/ d-trees	\$	500.00	1.80	\$ 900.00
02/15/201	0 Twellman	Review update Syracuse decision tree and results for [billing detail redacted for privilege purposes] scenarios	\$	330.00	0.75	\$ 247.50
02/15/201	0 Twellman	Review update Buick City decision tree and results for revised Menees/Arcadis analysis	\$	330.00	1.40	\$ 462.00
02/15/201	0 Twellman	Review update [billing detail redacted for privilege purposes] decision tree and results w S Gaito	\$	330.00	1.50	\$ 495.00
02/15/201	0 Twellman	Review update Willow Run decision tree and results for revised Menees/Arcadis analysis	\$	330.00	0.50	\$ 165.00
02/15/201	0 Twellman	Review Massena volume estimates with R Kapp	\$	330.00	0.30	\$ 99.00
02/15/201	0 Twellman	Update Massena decision tree and results RE: updated volumes	\$	330.00	0.70	\$ 231.00
02/15/201	0 Menees	Correspondence with MLC team re follow-up discussions re Buick City and Willow Run site analyses	\$	295.00	0.60	\$ 177.00
02/15/201	0 Menees	Update [billing detail redacted for privilege purposes] analysis for six sites	\$	295.00	2.80	\$ 826.00
	0 Menees	Correspondence with Arcadis staff re revisions to Willow Run LNAPL volume estimates and cost estimates	\$	295.00	0.80	\$ 236.00
	0 Menees	Correspondence with Claro staff re [billing detail redacted for privilege purposes] analysis	\$	295.00	0.60	\$ 177.00
02/15/201		Revise draft [billing detail redacted for privilege purposes] risk analysis six sites	\$	295.00	1.80	\$ 531.00
	0 Menees	Teleconference with Claro staff re Willow Run decision tree model revisions and related cost analysis	\$	295.00	1.40	\$ 413.00
02/15/201		Correspondence with Arcadis staff re revisions to Buick City LNAPL volume estimates and cost estimates	\$	295.00	0.30	\$ 88.50
02/15/201		Correct [billing detail redacted for privilege purposes] Site with [billing detail redacted for privilege purposes] costs and footnotes.	\$	225.00	2.10	\$ 472.50
02/15/201		Conference call with Rob Manees discussing new Willow Run D-Tree.	\$	225.00	0.60	\$ 135.00
			Ī			
02/15/201		Update Willow Run Model dated from 11/24/09 based on new D-Tree.	\$	225.00	3.80	\$ 855.00
	0 Forrester	Update Syracuse CF Model.	\$	175.00	1.30	\$ 227.50
02/15/201		Complete cash flows by year in Summary tab [billing detail redacted for privilege purposes]. Quality check [billing detail redacted for privilege purposes] Cash Flow Model and add appropriate footnotes where	\$	155.00	1.80	\$ 279.00
02/15/201		needed.	\$	155.00	0.80	\$ 124.00
	0 Hansen	Phone call re Syracuse estimate with R. Kapp, D. McMurtry, P. Barnett	\$	500.00	1.20	\$ 600.00
02/16/201	0 Hansen	Follow-up d-tree draft	\$	500.00	0.30	\$ 150.00
02/16/201	0 Hansen	Review Buick City D-tree draft	\$	500.00	0.20	\$ 100.00
02/16/201	0 Hansen	Communication with R. Kapp re: Syracuse	\$	500.00	0.20	\$ 100.00
02/16/201	0 Hansen	Review Syracuse estimate modeling tasks with B. Twellman, A. Forrester	\$	500.00	0.70	\$ 350.00
02/16/201	0 Twellman	Review update Massena decision tree and results from A Forrester	\$	330.00	1.20	\$ 396.00

Service	Staff	Description		Rate	Hours	Amount
02/16/2010	Twellman	Review Syracuse estimate modeling tasks with GGH	s	330.00	0.70	\$ 231.00
02/16/2010	Twellman	QC Buick City decision model and results from M Patti	\$	330.00	1.10	\$ 363.00
02/16/2010	Twellman	Review Willow Run decision tree and results w R Menees	\$	330.00	0.30	\$ 99.00
02/16/2010		QC Willow Run model and supporting schedules from D Ko	\$	330.00	1.20	\$ 396.00
	Menees	Revisions to decision tree for Buick City	\$	295.00	0.30	\$ 88.50
02/16/2010		Develop action item list for Willow Run remedial action cost estimate and decision analysis model cash flows	\$	295.00	1.20	\$ 354.00
	Menees	Develop action item list for Buick City remedial action cost estimate and decision analysis model cash flows	\$	295.00	1.30	\$ 383.50
02/16/2010	Menees	Teleconference with Claro staff (Darlene Ko) re Willow Run decision tree model revisions and related cost analysis	\$	295.00	0.60	\$ 177.00
02/16/2010	Menees	Teleconference with Claro staff (Darlene Ko) re Buick City decision tree model revisions and related cost analysis	\$	295.00	0.40	\$ 118.00
02/16/2010	Menees	Correspondence with Claro staff (Darlene Ko) re [billing detail redacted for privilege purposes] decision analysis cost estimates for six sites	\$	295.00	0.30	\$ 88.50
02/16/2010	Menees	Teleconference with Arcadis staff re Willow Run and Buick City remedial action cost estimates	\$	295.00	1.60	\$ 472.00
02/16/2010	Menees	Revisions to decision tree for Willow Run	\$	295.00	0.40	\$ 118.00
02/16/2010	Ko	Conference call with Rob Menees discussing decision tree model revisions and related cost analysis for Willow Run.	\$	225.00	0.60	\$ 135.00
02/16/2010	Ko	Conference call with Rob Menees discussing [billing detail redacted for privilege purposes] to decision analysis cost estimates for six sites.	\$	225.00	0.30	\$ 67.50
02/16/2010	Ko	Conference call with Arcadis staff discussing Willow Run and Buick City remedial action cost estimates.	\$	225.00	1.60	\$ 360.00
02/16/2010	Ko	Update Willow Run model based on revised cost analysis for Willow Run.	\$	225.00	2.20	\$ 495.00
02/16/2010	Ko	Continue updating Willow Run Model dated [billing detail redacted for privilege purposes] based on new D-Tree.	\$	225.00	2.30	\$ 517.50
02/16/2010	Forrester	Discussion over Syracuse modifications.	\$	175.00	0.70	\$ 122.50
02/16/2010	Forrester	Create new Syracuse D-Tree.	\$	175.00	1.60	\$ 280.00
02/16/2010	Patti	Re-format and update original Buick City Cash Flow model to prepare for new cost details.	\$	155.00	3.30	\$ 511.50
02/17/2010	Hansen	Review status of estimates for Massena, Syracuse, Willow Run, Buick City	\$	500.00	1.70	\$ 850.00
02/17/2010	Twellman	Review Buick City decision tree and results w M Patti / R Menees	\$	330.00	1.30	\$ 429.00
02/17/2010	Tweliman	Review Buick City decision tree and results w GGH	\$	330.00	0.20	\$ 66.00
02/17/2010	Twellman	Review update Willow Run decision tree and results w D Ko	\$	330.00	0.20	\$ 66.00
02/17/2010	Twellman	QC Willow Run model and supporting schedules from D Ko	\$	330.00	1.40	\$ 462.00
02/17/2010	Menees	Review revisions to Arcadis Willow Run LNAPL volumes and remedial action cost estimates and cash flows	\$	295.00	0.80	\$ 236.00
02/17/2010	Menees	Review revisions to Arcadis Buick City LNAPL volumes and remedial action cost estimates and cash flows	\$	295.00	0.70	\$ 206.50
02/17/2010	Menees	Teleconference with Arcadis staff re Willow Run remedial action cost estimates	\$	295.00	1.10	\$ 324.50
02/17/2010	Menees	Teleconference with Arcadis staff [billing detail redacted for privilege purposes] to decision analysis cost estimates for six sites	\$	295.00	0.40	\$ 118.00
02/17/2010	Menees	Correspondence with Claro staff re [billing detail redacted for privilege purposes] to decision analysis cost estimates for six sites	\$	295.00	0.60	\$ 177.00
02/17/2010	Menees	Teleconference with Claro staff (Darlene Ko) re Willow Run decision tree model revisions and related cost analysis	\$	295.00	1.80	\$ 531.00
02/17/2010	Menees	Teleconference with Claro staff re Buick City decision tree model revisions and related cost analysis	\$	295.00	0.80	\$ 236.00
02/17/2010	Menees	Teleconference with Arcadis staff re Buick City remedial action cost estimates	\$	295.00	0.40	\$ 118.00
02/17/2010	Ko	Brief overview of updated costs for Buick City.	\$	225.00	0.40	\$ 90.00
02/17/2010	Ko	Continue creating support tabs for Willow Run with updated costs.	\$	225.00	2.60	\$ 585.00
02/17/2010	Ko	Review Updated Costs for Willow Run.	\$	225.00	1.30	\$ 292.50
02/17/2010	Ko	Analysis of Updated Costs for Willow Run.	\$	225.00	2.70	\$ 607.50
02/17/2010	Ko	Create support tabs for Willow Run based on new D-tree.	\$	225.00	3.20	\$ 720.00
02/17/2010	Ko	Conference calls with Rob Menees clarifying questions related to updated costs for Willow Run.	\$	225.00	1.80	\$ 405.00
02/17/2010	Forrester	Create new Syracuse CF Model.	\$	175.00	3.70	\$ 647.50
02/17/2010	Forrester	QC Syracuse CF Model and run [billing detail redacted for privilege purposes] scenarios.	\$	175.00	2.30	\$ 402.50
02/17/2010	Patti	Quality check Massena Cash Flow Model [billing detail redacted for privilege purposes].	\$	155.00	3.30	\$ 511.50
02/17/2010	Patti	Quality check Massena Decision Tree.	\$	155.00	0.80	\$ 124.00
02/17/2010	Patti	Update the [billing detail redacted for privilege purposes] Massena site.	\$	155.00	1.10	\$ 170.50
02/17/2010	Patti	Update LNAPL Recovery in Buick City Cash Flow Model per cost details provided by Arcadis.	\$	155.00	3.60	\$ 558.00
02/17/2010	Patti	Quality check cell references for cost details to 2009 Dollars and Discounted tabs.	\$	155.00	2.40	\$ 372.00
02/18/2010	Twellman	QC Buick City decision model and supporting schedules for LNAPL volume updates	\$	330.00	1.10	\$ 363.00
02/18/2010	Twellman	Review Buick City decision tree and results for LNAPL volume updates w M Patti / R Menees	\$	330.00	0.90	\$ 297.00
02/18/2010	Twellman	Review updated Willow Run decision model and supporting schedules w D Ko	\$	330.00	0.70	\$ 231.00

Service	Staff	Description		Rate	Hours	Α	mount
02/18/2010	Twellman	Update Willow Run decision tree results to communicate to site analysts R Menees	\$	330.00	0.80	\$	264.00
02/18/2010	Twellman	Update Syracuse decision tree and model for demolition timing assumptions.	\$	330.00	1.80	\$	594.00
02/18/2010	Twellman	Review updated Moraine decision tree and results from M Patti	\$	330.00	0.40	\$	132.00
02/18/2010	Twellman	QC Moraine decision tree, model, and supporting schedules.	\$	330.00	1.60	\$	528.00
02/18/2010	Twellman	Review updated Hyatt Clark decision tree model, supporting schedules, and results from A Forrester	\$	330.00	1.40	\$	462.00
02/18/2010	Twellman	Rerun Massena decision model and generate results for revised volumes from D Casey/EPA	\$	330.00	1.30	\$	429.00
02/18/2010	Twellman	Review updated [billing detail redacted for privilege purposes] decision tree and results from D Ko	\$	330.00	0.70	\$	231.00
02/18/2010	Menees	Teleconference with Arcadis staff re Buick City remedial action cost estimates	\$	295.00	0.40	\$	118.00
02/18/2010	Menees	Teleconference with Claro staff (Darlene Ko) re Willow Run decision tree model revisions and related cost analysis	\$	295.00	0.80	\$	236.00
02/18/2010		Teleconference with Claro staff (Maria Patti) re Buick City decision tree model revisions and related cost analysis	\$	295.00	0.60	\$	177.00
	Menees	Review Arcadis revisions to remedial cost estimates for Buick City	\$	295.00	0.40	\$	118.00
02/18/2010		Revisions to decision tree for Willow Run	\$	295.00	1.30	\$	383.50
02/18/2010	Menees	Revisions to decision tree for Buick City	\$	295.00	1.10	\$	324.50
	Menees	Teleconference with Arcadis staff (Maria Patti) re Willow Run remedial action cost estimates	φ \$	295.00	0.60	ş \$	177.00
02/18/2010		Conference Call with Rob Menees discussing outstanding items for Buick City and Willow Run. Update [billing detail redacted for privilege purposes] for Syracuse Models using Laddered Rates [billing detail redacted	\$	225.00	0.80	\$	180.00
02/18/2010		for privilege purposes).	\$	225.00	2.20	\$	495.00
02/18/2010	Ko	Continue creating support tabs for Willow Run Model.	\$	225.00	3.80	\$	855.00
02/18/2010	Ko	Continue updating Willow Run Model based on new D-Tree.	\$	225.00	3.90	\$	877.50
02/18/2010	Ko	Quality Control Review of Summary Page for Buick City Model.	\$	225.00	1.30	\$	292.50
02/18/2010	Forrester	Change [billing detail redacted for privilege purposes] for all sites. Run [billing detail redacted for privilege purposes] and laddered/[billing detail redacted for privilege purposes] interest rate	\$	175.00	3.70	\$	647.50
02/18/2010	Forrester	scenarios for Syracuse and Massena.	\$	175.00	3.80	\$	665.00
02/18/2010	Forrester	Work on Massena volumes comparison worksheet and Massena CF model.	\$	175.00	2.70	\$	472.50
02/18/2010	Gennity	Check summary file against decision tree for consistency/accuracy	\$	175.00	0.80	\$	140.00
02/18/2010	Patti	Continue updating Buick City Cash Flow Model, with new LNAPL Recovery section in Summary tab.	\$	155.00	3.70	\$	573.50
02/18/2010	Patti	Quality check Willow Run Cash Flow Model and run in @risk.	\$	155.00	2.40	\$	372.00
02/18/2010	Patti	Calculate [billing detail redacted for privilege purposes] costs [billing detail redacted for privilege purposes] for Buick City 2009 Dollars and Discounted in cash flow model.	\$	155.00	3.80	\$	589.00
02/18/2010	Patti	High level quality check of Buick City Cash Flow model and support.	\$	155.00	2.30	\$	356.50
02/18/2010	Patti	Discuss Willow Run and Buick City cost details with Rob Menees.	\$	155.00	1.20	\$	186.00
02/18/2010	Twellman	Recreate Brattle analysis [billing detail redacted for privilege purposes] using alternative assumptions.	\$	330.00	1.80	\$	594.00
02/18/2010	Forrester	Run and report @Risk results for all sites.	\$	175.00	3.30	\$	577.50
02/19/2010	Twellman	Review updated Buick City decision model [billing detail redacted for privilege purposes]	\$	330.00	1.70	\$	561.00
02/19/2010	Twellman	Review updated Massena decision model (billing detail redacted for privilege purposes)	\$	330.00	1.40	\$	462.00
02/19/2010	Twellman	Review updated Willow Run decision model (billing detail redacted for privilege purposes)	\$	330.00	1.30	\$	429.00
	Twellman	Discuss w Claro site analysts modeling methods (billing detail redacted for privilege purposes).	\$	330.00	0.60	\$	198.00
02/19/2010		Discussion with Claro staff re Willow Run and Buick City revised cost analyses	\$	295.00	0.30	\$	88.50
02/19/2010		Review draft MLC presentation re status and results of probabilistic remedial action cost estimates for MLC sites	\$	295.00	0.40	\$	118.00
02/19/2010		Update [billing detail redacted for privilege purposes] Site [billing detail redacted for privilege purposes] and Agency Costs.	\$	225.00	3.40	\$	765.00
02/19/2010		Update (billing detail redacted for privilege purposes) for all 6 sites (billing detail redacted for privilege purposes).	¢ \$	225.00		\$	
		Update [billing detail redacted for privilege purposes] for Syracuse and Massena [billing detail redacted for privilege			1.20		270.00
02/19/2010		purposes).	\$	225.00	1.60	\$	360.00
02/19/2010		Quality Control Review Agency Costs for all 6 sites using Laddered Rates.	\$	225.00	3.30	\$	742.50
	Forrester	Run Massena CF model with Brattle volumes. Run/report results.	\$	175.00	2.30		402.50
02/19/2010		Update Massena D-Tree.	\$	175.00	0.80	\$	140.00
02/19/2010	Patti	Update [billing detail redacted for privilege purposes] Decision Tree and Summary slide with re-generate @risk results.	\$	155.00	2.20	\$	341.00
02/19/2010	Patti	Edit Buick City Summary page and re-generate @risk results. Update [billing detail redacted for privilege purposes] Cash Flow Model with revised volumes [billing detail redacted for	\$	155.00	0.70	\$	108.50
02/19/2010	Patti	privilege purposes). Update Massena decision tree, model, supporting schedules and generate results [billing detail redacted for privilege	\$	155.00	3.10	\$	480.50
02/22/2010	Twellman	purposes]	\$	330.00	2.40	\$	792.00
02/22/2010	Twellman	Review updated Buick City decision tree, model and results from M Patti Review updated [billing detail redacted for privilege purposes] model with revised volumes [billing detail redacted for	\$	330.00	0.80	\$	264.00
02/22/2010	Twellman	Review updated (billing detail redacted for privilege purposes) model with revised volumes (billing detail redacted for privilege purposes)	\$	330.00	0.80	\$	264.00
02/22/2010	Twellman	Review updated Willow Run decision tree and results from D Ko	\$	330.00	0.70	\$	231.00

Service	Staff	Description	Rate	Hours	Amou	nt
02/22/2010	Twellman	Update Syracuse decision model for updates to IRM until demolition.	\$ 330.00	1.40	\$ 46	62.00
02/22/2010	Twellman	Review Syracuse decision tree and results w Ray Kapp Arcadis	\$ 330.00	0.60	\$ 19	98.00
02/22/2010	Twellman	Review updated Moraine decision tree and results for agency costs schedule addition.	\$ 330.00	1.10	\$ 36	63.00
02/22/2010	Twellman	Review updated Hyatt Clark decision tree and results for agency costs schedule addition.	\$ 330.00	0.80	\$ 26	64.00
02/22/2010	Twellman	Review [billing detail redacted for privilege purposes] decision tree and updated results w S Gaito	\$ 330.00	0.40	\$ 13	32.00
02/22/2010	Twellman	QC [billing detail redacted for privilege purposes] decision model and supporting schedules	\$ 330.00	0.80	\$ 26	64.00
02/22/2010	Ko	Quality Control Review - Buick City (Support Tabs and EV Calculation)	\$ 225.00	3.60	\$ 81	10.00
02/22/2010	Ko	Update [billing detail redacted for privilege purposes] Model - [billing detail redacted for privilege purposes]	\$ 225.00	3.60	\$ 81	10.00
02/22/2010	Ko	Quality Control Review - Moraine (Agency Costs & EV Calculation)	\$ 225.00	2.40	\$ 54	40.00
02/22/2010	Ko	Quality Control Review - Syracuse [billing detail redacted for privilege purposes] (Agency Costs and EV Calculations)	\$ 225.00	2.30	\$ 51	17.50
02/22/2010	Ko	Continue Quality Control Review - Buick City (support tabs and calculations)	\$ 225.00	1.10	\$ 24	47.50
02/22/2010	Forrester	Print files for binders.	\$ 175.00	0.80	\$ 14	40.00
02/22/2010	Forrester	Work on Massena and Syracuse CF models.	\$ 175.00	3.30	\$ 57	77.50
02/22/2010	Forrester	Create and run new Massena scenario [billing detail redacted for privilege purposes].	\$ 175.00	2.30	\$ 40	02.50
02/22/2010	Forrester	Create "Summary of Additional Costs per Site" worksheet.	\$ 175.00	1.30	\$ 22	27.50
02/22/2010	Patti	Quality check Willow Run Cash Flow Model Support Tabs.	\$ 155.00	1.90	\$ 29	94.50
02/22/2010	Patti	Corrections to Buick City Cash Flow Model Summary tab.	\$ 155.00	1.70	\$ 26	63.50
02/22/2010	Patti	QC support tabs with Manual EV Calculation and Manual Mode Calculation for [billing detail redacted for privilege purposes] Cash Flow Model.	\$ 155.00	2.30	\$ 35	56.50
02/22/2010	Patti	Buick City Agency Cost Calculations for 2009 Dollars and Discounted.	\$ 155.00	3.80	\$ 58	39.00
02/22/2010	Patti	Create binder [billing detail redacted for privilege purposes] and revised models and decision trees.	\$ 155.00	2.40	\$ 37	72.00
02/23/2010	Twellman	Review updated Buick City decision tree and results from M Patti	\$ 330.00	1.60	\$ 52	28.00
02/23/2010	Twellman	Review updated Willow Run decision tree and results from D Ko	\$ 330.00	1.70	\$ 56	61.00
02/23/2010	Twellman	Review updated Massena 100 yr decision tree and results w A Forrester	\$ 330.00	0.80	\$ 26	64.00
02/23/2010	Twellman	Review w R Kapp/D Casey updated Massena results and volumes.	\$ 330.00	0.60	\$ 19	98.00
02/23/2010	Ko	Quality Control Review - Hyatt Clark (agency costs and support tabs)	\$ 225.00	3.40	\$ 76	65.00
02/23/2010	Ko	Quality Control Review - (Agency Costs and Support Tabs)	\$ 225.00	3.80	\$ 85	55.00
02/23/2010	Ko	Continue Quality Control Review - Buick City (Agency Costs and Support Tabs)	\$ 225.00	3.90	\$ 87	7.50
02/23/2010	Forrester	Work on Massena [billing detail redacted for privilege purposes] Model.	\$ 175.00	1.80	\$ 31	15.00
02/23/2010	Forrester	Work on [billing detail redacted for privilege purposes] Massena CF model.	\$ 175.00	2.70	\$ 47	72.50
02/23/2010	Forrester	Work on Syracuse CF model.	\$ 175.00	3.80	\$ 66	65.00
02/23/2010	Patti	Quality check Massena [billing detail redacted for privilege purposes] Cash Flow Model Agency Cost calculations.	\$ 155.00	2.10	\$ 32	25.50
02/23/2010	Patti	Complete binder of [billing detail redacted for privilege purposes] site information and output results.	\$ 155.00	3.10	\$ 48	30.50
02/23/2010	Patti	Update O&M [billing detail redacted for privilege purposes] Analysis.	\$ 155.00	0.70	\$ 10	08.50
02/23/2010	Patti	Compute Massena Baseline discrepancies with Arcadis baseline.	\$ 155.00	2.60	\$ 40	03.00
02/23/2010	Patti	Quality check Massena [billing detail redacted for privilege purposes] Agency Cost calculations.	\$ 155.00	1.60	\$ 24	48.00
02/23/2010	Patti	Compute baseline differences for Buick City, Willow Run, and Syracuse models against Arcadis baselines.	\$ 155.00	1.90	\$ 29	94.50
02/24/2010	Twellman	Review update progress for Massena decision model and supporting schedules w A Forrester	\$ 330.00	0.20	\$6	6.00
02/24/2010	Twellman	Update volume [billing detail redacted for privilege purposes] model [billing detail redacted for privilege purposes].	\$ 330.00	1.20	\$ 39	96.00
02/24/2010	Twellman	Review update progress for Buick City decision model and supporting schedules w M Patti	\$ 330.00	1.30	\$ 42	29.00
02/24/2010	Twellman	QC [billing detail redacted for privilege purposes] calculation for Buick City	\$ 330.00	0.30	\$9	99.00
02/24/2010	Twellman	Review updated Willow Run decision tree and results	\$ 330.00	1.40	\$ 46	62.00
02/24/2010	Twellman	QC [billing detail redacted for privilege purposes] calculation for Willow Run	\$ 330.00	0.30	\$ 9	99.00
02/24/2010	Twellman	Review updated Moraine decision tree and results	\$ 330.00	0.80	\$ 26	64.00
02/24/2010	Twellman	QC [billing detail redacted for privilege purposes] calculation for Moraine	\$ 330.00	0.30	\$ 9	99.00
02/24/2010	Twellman	Review updated Syracuse decision tree and results	\$ 330.00	0.90	\$ 29	97.00
02/24/2010	Twellman	Review update progress for Syracuse decision model and supporting schedules w A Forrester	\$ 330.00	1.10	\$ 36	63.00
02/24/2010	Twellman	Review updated Hyatt Clark decision tree and results from A Forrester	\$ 330.00	0.60	\$ 19	98.00
02/24/2010	Twellman	Create Hyatt Clark example for decision tree process memo.	\$ 330.00	1.20	\$ 39	96.00
02/24/2010	Twellman	Review updated [billing detail redacted for privilege purposes] decision tree and results from D Ko	\$ 330.00	1.40	\$ 46	62.00

	Service	Staff	Description	Rate	Hours	An	nount
	02/24/2010	Twellman	QC [billing detail redacted for privilege purposes] decision model volume calculation.	\$ 330.00	0.80	\$	264.00
	02/24/2010	Ko	Update Massena [billing detail redacted for privilege purposes]	\$ 225.00	3.60	\$	810.00
	02/24/2010	Ko	Continue Updating Massena [billing detail redacted for privilege purposes]	\$ 225.00	3.80	\$	855.00
	02/24/2010	Forrester	Work on Syracuse CF model.	\$ 175.00	3.30	\$	577.50
	02/24/2010	Forrester	Work on Massena CF model.	\$ 175.00	3.80	\$	665.00
	02/24/2010	Patti	Quality check [billing detail redacted for privilege purposes] Cash Flow model and format.	\$ 155.00	1.90	\$	294.50
	02/24/2010	Patti	Willow Run Baseline comparison with Arcadis baseline with list of issues that need to be reconciled.	\$ 155.00	3.80	\$	589.00
	02/24/2010	Patti	Hyatt Clark [billing detail redacted for privilege purposes]	\$ 155.00	1.90	\$	294.50
	02/24/2010	Patti	Buick City Baseline comparison with Arcadis baseline, and list of issues that need to be reconciled.	\$ 155.00	3.90	\$	604.50
	02/25/2010	Twellman	Call with Wesley May discussing Willow Run and Buick City baselines.	\$ 330.00	1.20	\$	396.00
ſ	02/25/2010	Twellman	Review Hyatt Clark [billing detail redacted for privilege purposes]	\$ 330.00	0.70	\$	231.00
ľ	02/25/2010	Twellman	Review updated Massena decision tree and results	\$ 330.00	1.60	\$	528.00
Ī	02/25/2010	Twellman	Review update dBuick City decision tree and results	\$ 330.00	1.70	\$	561.00
ľ		Twellman	Review updated Willow Run decision tree and results from D Ko	\$ 330.00	1.20	\$	396.00
ľ	02/25/2010		Hand calculate expected value calculation for Willow Run	\$ 330.00	1.10	\$	363.00
ľ		Twellman	Review updated Syracuse decision model [billing detail redacted for privilege purposes]	\$ 330.00	2.10	\$	693.00
ľ							
ſ	02/25/2010		Review open task issues and lessons learned w Claro site analysis and plan subsequent work	\$ 330.00	1.40	\$	462.00
ľ	02/25/2010		Conference call with Wesley May related to baseline differences - Buick City and Willow Run	\$ 225.00	1.00	\$	225.00
ŀ	02/25/2010		Update Willow Run Model based on Conference Call - reconciling baseline differences.	\$ 225.00	3.90	\$	877.50
ŀ	02/25/2010	Ko	Continue Updating Willow Run Model with the Reconciliation of Baseline Differences	\$ 225.00	2.30	\$	517.50
ł	02/25/2010	Ko	Quality Control Review - Massena [billing detail redacted for privilege purposes] Continue Quality Control Review and Reformatted Support Tabs - Massena [billing detail redacted for privilege purposes]	\$ 225.00	2.90	\$	652.50
ł	02/25/2010	Ko	Model	\$ 225.00	2.40	\$	540.00
ŀ	02/25/2010	Forrester	Work on [billing detail redacted for privilege purposes] Syracuse CF model.	\$ 175.00	1.80	\$	315.00
	02/25/2010	Forrester	Work on (billing detail redacted for privilege purposes) Massena CF model.	\$ 175.00	2.30	\$	402.50
ŀ	02/25/2010	Forrester	Work on [billing detail redacted for privilege purposes] Massena CF model.	\$ 175.00	2.30	\$	402.50
ŀ	02/25/2010	Forrester	QC Hyatt Clark CF model.	\$ 175.00	1.80	\$	315.00
ŀ	02/25/2010	Patti	Compute Buick City [billing detail redacted for privilege purposes] Cost for 2009 Dollars and Discounted Dollars.	\$ 155.00	1.80	\$	279.00
	02/25/2010	Patti	Buick City LNAPL Recovery - [billing detail redacted for privilege purposes]	\$ 155.00	2.30	\$	356.50
	02/25/2010	Patti	Complete updated Buick City Model, formatting and cell reference links.	\$ 155.00	3.20	\$	496.00
	02/25/2010	Patti	Manual EV Calculation and Manual Mode Calculation for Buick City Cash Flow Model.	\$ 155.00	0.90	\$	139.50
	02/25/2010	Patti	Call with Wesley May discussing Willow Run and Buick City baselines.	\$ 155.00	1.00	\$	155.00
	02/25/2010	Patti	Create Buick City support tabs for LNAPL	\$ 155.00	4.00	\$	620.00
ļ	02/25/2010	Forrester	Work on [billing detail redacted for privilege purposes] Syracuse CF model.	\$ 175.00	2.70	\$	472.50
l	02/26/2010	Twellman	Hyatt Clark [billing detail redacted for privilege purposes] Analysis.	\$ 330.00	0.40	\$	132.00
ļ	02/26/2010	Twellman	Final review/QC Buick City decision model and results from M Patti before sending to Brattle	\$ 330.00	1.60	\$	528.00
	02/26/2010	Twellman	Final review/QC Willow Run decision model and results from D Ko before sending to Brattle	\$ 330.00	1.70	\$	561.00
	02/26/2010	Twellman	Final review/QC Massena decision model and results from A Forrester before sending to Brattle	\$ 330.00	0.80	\$	264.00
	02/26/2010	Twellman	Final review/QC Moraine decision model and results from M Patti before sending to Brattle	\$ 330.00	1.20	\$	396.00
	02/26/2010	Twellman	Final review/QC Syracuse decision model and results from A Forrester before sending to Brattle	\$ 330.00	1.40	\$	462.00
I	02/26/2010	Twellman	Final review/QC Hyatt Clark decision model and results from A Forrester before sending to Brattle	\$ 330.00	0.70	\$	231.00
I	02/26/2010	Ko	Quality Control Review - Buick City Support Tabs	\$ 225.00	3.40	\$	765.00
ľ	02/26/2010	Ko	Quality Control Review - Buick City Summary Calculations	\$ 225.00	3.70	\$	832.50
Ī	02/26/2010		Update Willow Run Model related to Timing of Cash Flows, Contingencies, and Formatting.	\$ 225.00	2.80	\$	630.00
ľ	02/26/2010		Quality Control Review - Buick City with updated changes [billing detail redacted for privilege purposes] related to timing of cash flows, contingencies, agency costs, and formatting.	\$ 225.00		\$	585.00
ľ	02/26/2010		QC Willow Run CF model.	\$ 175.00	3.70	\$	647.50
ł							
ſ		Forrester	Create Massena Results [billing detail redacted for privilege purposes] Matrix	\$ 175.00	3.30	\$	577.50
ľ	02/26/2010		Format Willow Run/Hyatt Clark CF models.	\$ 175.00		\$	472.50
ſ	02/26/2010		Complete formatting of Buick City Cash Flow Model.	\$ 155.00	2.60	\$	403.00
L	02/26/2010	Patti	Quality check Willow Run cash flow model.	\$ 155.00	2.70	\$	418.50

	Service	Staff	Description		Rate	Hours	A	mount
02	2/26/2010	Patti	Quality check Moraine (Cash Flow Summary, 2009 Dollars, and Discounted tabs).	\$	155.00	1.10	\$	170.50
	2/26/2010		Quality check Syracuse - ([billing detail redacted for privilege purposes] Cash Flow Model and Agency Cost calculations).	\$	155.00	3.20		496.00
		Patti	Quality check Massena - ((billing detail redacted for privilege purposes) Cash Flow model and Agency Cost calculations).	\$	155.00	3.20		496.00
	2/26/2010		Update[billing detail redacted for privilege purposes] analysis.	\$	330.00	2.20		726.00
		Twellman	Compare/update baseline schedules from S Gaito/Arcadis with decision model baseline calculation for six dtree sites	\$	330.00	1.10		363.00
	2/27/2010	Twellman	Update baseline estimates from S Gaito for remaining nondtree sites.	\$	330.00	0.90		297.00
		Hansen	Review Massena analysis	\$	500.00	2.80		1,400.00
	3/01/2010		create presentation tables of EV for presentation for S Gaito.	\$	330.00	1.80		594.00
	3/01/2010	Twellman	create Syracuse decision tree demonstration and presentation to Treasury	\$	330.00	2.20		726.00
	3/01/2010	Twellman	create decision tree approach document for presentation to Treasury	\$	330.00	2.50	\$	825.00
	3/01/2010		update EV and statistics for revised [billing detail redacted for privilege purposes] analysis. Update slides for presentation for the same.	\$	330.00			594.00
		Twellman	review/update contingency summary for dtree sites	\$	330.00	1.50		495.00
			call w Gaito to discuss status of presentation materials	\$	330.00	0.20		66.00
		Hansen	Prepare for meeting with EPA re: Massena	\$	500.00	3.20		1,600.00
	3/02/2010		Phone call with J. Redwine re: Massena analysis	¢ \$	500.00	0.30		150.00
	3/02/2010	Twellman	prep and call w Arcadis Ray Kapp RE massena timing of remediation	\$	330.00	1.80		594.00
		Twellman	review volume variances and call to discuss same w Arcadis Ray Kapp/D Casey	φ \$	330.00			528.00
			review volume variances and can be used as a mere variable in the read of the variable cases	э \$		1.60		
	3/02/2010				330.00	2.10		693.00
	3/02/2010	Twellman	massena (billing detail redacted for privilege purposes) discussion and analysis w Ray Kapp	\$	330.00	1.80		594.00
	3/02/2010	Twellman	update massena slides for presentation	\$	330.00	0.50		165.00
		Twellman	update slides for Brattle/Dowd presentation	\$	330.00	1.60		528.00
	3/02/2010		Update Massena Volume Comparison with EV volumes for each area.	\$	175.00	1.50		262.50
		Hansen	Meet with EPA re: Massena analysis	\$	500.00	5.70		2,850.00
		Hansen	Review Massena volume analysis post meeting	\$	500.00			300.00
	3/03/2010		review meeting results and prepare tables of [billing detail redacted for privilege purposes] results.	\$	330.00	1.50		495.00
	3/03/2010	Twellman	update Willow Run decision tree model for LNAPL consistency w Buick City	\$	330.00	1.60		528.00
	3/03/2010	Twellman	update Massena (billing detail redacted for privilege purposes) model assuming EPA volumes	\$	330.00	2.50		825.00
		Twellman	update Buick City decision tree model for LNAPL consistency w Willow Run	\$	330.00	1.80		594.00
	3/03/2010		call w R Kapp Arcadis to discuss massena tree	\$	330.00	0.80		264.00
	3/04/2010	Hansen	Review Massena analysis provided by EPA	\$	500.00	2.60	\$	1,300.00
	3/04/2010		Review Massena decision tree and volumes provided by EPA	\$	330.00	0.20		66.00
		Twellman	recreate EPA Massena model	\$	330.00	2.30		759.00
	3/04/2010		Update Syracuse Model - Alternative Scenario	\$	225.00	1.20		270.00
	3/04/2010		Produce Willow Run graph and statistics.	\$	175.00	0.70		122.50
		Forrester	Manual check of Willow Run baseline.	\$	175.00	1.30		227.50
	3/04/2010		Quality check Buick City, Massena Baselines with Mode Calculations.	\$	155.00	0.80		124.00
03	3/04/2010	Patti	Analyze Alternative EPA volumes for Massena.	\$	155.00	1.20	\$	186.00
	3/04/2010		Quality check [billing detail redacted for privilege purposes] Discounted Cash Flow Model.	\$	155.00	1.10	\$	170.50
03	3/05/2010	Hansen	Review Massena analysis	\$	500.00	1.80	\$	900.00
03	3/05/2010	Twellman	review and update [billing detail redacted for privilege purposes] decision tree analysis	\$	330.00	1.80	\$	594.00
03	3/05/2010	Twellman	Phone call w ARCADIS S Gaito [billing detail redacted for privilege purposes]	\$	330.00	0.20	\$	66.00
03	3/05/2010	Forrester	Replicate Brattle Massena CF's.	\$	175.00	2.80	\$	490.00
03	3/05/2010	Forrester	Adjust Massena model to replicate brattle.	\$	175.00	2.70	\$	472.50
03		Patti	Quality check [billing detail redacted for privilege purposes] Discounted Cash Flow Model and Decision Tree.	\$	155.00	1.90		294.50
03	3/05/2010	Patti	Update O&M [billing detail redacted for privilege purposes] Analysis and verify non-decision tree site baselines.	\$	155.00	3.40	\$	527.00
03	3/05/2010	Twellman	review and update [billing detail redacted for privilege purposes] analysis	\$	330.00	1.60	\$	528.00
03	3/05/2010	Twellman	review and update [billing detail redacted for privilege purposes]	\$	330.00	2.10	\$	693.00
03	3/07/2010	Hansen	Phone call with B. Twellman, Ray Kapp re: Massena analysis	\$	500.00	0.60	\$	300.00
03	3/07/2010	Hansen	Review Massena site analysis	\$	500.00	2.40	\$	1,200.00

	Service	Staff	Description		Rate	Hours	Α	mount
0	3/07/2010	Hansen	Phone call w/B. Twellman re: Massena	\$	500.00	0.60	\$	300.00
	3/07/2010	Twellman	Phone call with Ray Kapp re: Massena analysis [billing detail redacted for privilege purposes]	\$	330.00	0.50	\$	165.00
	3/07/2010	Twellman	create massena (billing detail redacted for privilege purposes) analysis	\$	330.00	1.50		495.00
	3/07/2010	Twellman	review and update Brattle replication of Massena decision tree model	\$	330.00	1.80	\$	594.00
Γ	3/07/2010	Twellman	review and update Massena decision tree model	\$	330.00	2.00	\$	660.00
		Hansen	Phone call with Arcadis, Pam Barnett, D. McMurtry re: Massena volumes and estimate	\$	500.00	0.80	\$	400.00
		Hansen	Work with B. Twellman re: Massena estimate	\$	500.00	8.50	\$	4,250.00
		Hansen	Communications with B. Twellman, D. McMurtry re: Massena analysis	\$	500.00	1.20		600.00
0	3/08/2010	Twellman	create Massena site analysis and Brattle reconciliation	\$	330.00	1.80	\$	594.00
	3/08/2010	Twellman	call w D. McMurtry RE: Massena analysis	\$	330.00	1.00	\$	330.00
	3/08/2010	Twellman	review and update Hyatt Clark decision tree analysis and (billing detail redacted for privilege purposes)	\$	330.00	1.50		495.00
	3/08/2010	Twellman	review and update [billing detail redacted for privilege purposes] O&M analysis from Arcadis S Gaito A Rothchild	\$	330.00	1.50		495.00
	3/08/2010	Twellman	review and update [billing detail redacted for privilege purposes] decision tree model and supporting schedules	\$	330.00	1.70	\$	561.00
	3/08/2010	Forrester	QC [billing detail redacted for privilege purposes] Cash Flow model.	\$	175.00	1.80	\$	315.00
		Patti	Update O&M (billing detail redacted for privilege purposes) Details and Summary, with changes suggested by Arcadis.	\$	155.00	3.20		496.00
	3/08/2010	Patti	Create Hyatt Clark [billing detail redacted for privilege purposes] Botalis and communy, with onanges suggested by Ardadis.	φ \$	155.00	0.70	\$	108.50
		Patti	Quality check, format [billing detail reducted for privilege purposes] Decision Tree	φ \$	155.00	1.10		
Г	3/08/2010 3/08/2010	Twellman	update portfolio analysis with updated Massena decision tree					170.50
				\$	330.00	1.60	\$	528.00
Γ	3/09/2010	Hansen	Phone call with D. Berz, D. McMurtry, J. Redwine re: Massena analysis, Syracuse analysis	\$	500.00	1.50		750.00
		Hansen	Discussion with B. Twellman re: Massena analysis	\$	500.00	0.70	\$	350.00
Γ	3/09/2010	Twellman	review and update recreation of EPA Massena model	\$	330.00	1.30	\$	429.00
	3/09/2010	Twellman	review EPA Massena model assumptions w GGH	\$	330.00	0.70	\$	231.00
	3/09/2010	Twellman	review and update Buick City decision tree model	\$	330.00	1.80	\$	594.00
		Forrester	Work on Replication of EPA Massena CF Model.	\$	175.00	2.50	\$	437.50
		Forrester	Make changes to Massena CF model.	\$	175.00	2.80	\$	490.00
0	3/09/2010	Patti	Create Summary file to send to Arcadis for review. Create Massena (billing detail redacted for privilege purposes)Cash Flow Model based on MLC revisions (billing detail	\$	155.00	0.80	\$	124.00
		Patti	redacted for privilege purposes]	\$	155.00	3.60	\$	558.00
0	3/09/2010	Patti	Update the MLC Massena Cash Flow Model.	\$	155.00	3.80	\$	589.00
0	3/10/2010	Hansen	Phone call with Arcadis, MLC, D. McMurtry re: Buick City/Willow Run	\$	500.00	1.10	\$	550.00
0	3/10/2010	Hansen	Review Massena analysis update [billing detail redacted for privilege purposes] of Willow Run EPA decision tree model from notes from GGH call w	\$	500.00	2.60	\$	1,300.00
0	3/10/2010	Twellman	Brattle	\$	330.00	1.70	\$	561.00
0	3/10/2010	Twellman	review and update EPA replication of Massena model update [billing detail redacted for privilege purposes] of Syracuse EPA decision tree model from notes from GGH call w	\$	330.00	1.60	\$	528.00
0	3/10/2010	Twellman	Brattle	\$	330.00	1.50	\$	495.00
0	3/10/2010	Twellman	create volume comparision by area for Massena site	\$	330.00	0.50	\$	165.00
0	3/10/2010	Twellman	call w ARCADIS R Kapp/D Casey to discuss Massena EPA model	\$	330.00	0.80	\$	264.00
0	3/10/2010	Twellman	Phone call with Arcadis, MLC, D. McMurtry re: Buick City/Willow Run	\$	330.00	1.10	\$	363.00
0	3/10/2010	Twellman	review and update [billing detail redacted for privilege purposes] decision tree analysis	\$	330.00	1.70	\$	561.00
0	3/10/2010	Ko	Quality Control Review - EPA Replication	\$	225.00	4.00	\$	900.00
0	3/10/2010	Ko	Quality Control Review - MLC Updated Model	\$	225.00	3.75	\$	843.75
0	3/10/2010	Forrester	Work on EPA Replication for Massena CF Model.	\$	175.00	2.00	\$	350.00
0	3/10/2010	Forrester	Continue analysis on EPA Replication for Massena CF Model.	\$	175.00	3.20	\$	560.00
0	3/10/2010	Forrester	Continue analysis on EPA Replication for Massena CF Model.	\$	175.00	1.80	\$	315.00
0	3/10/2010	Patti	Update Massena MLC [billing detail redacted for privilege purposes] Model based on new changes from Arcadis.	\$	155.00	2.70	\$	418.50
0	3/10/2010	Patti	Update (billing detail redacted for privilege purposes) O&M baselines.	\$	155.00	0.70	\$	108.50
0	3/10/2010	Patti	Update Massena baselines with revisions from Arcadis.	\$	155.00	2.70	\$	418.50
0	3/10/2010	Patti	Develop / quality check Massena Cash Flow Model.	\$	155.00	3.70	\$	573.50
0	3/11/2010	Hansen	Prepare and participate in Syracuse phone call w/ Barnett, Kapp, McMurtry re: demolition plans	\$	500.00	1.90	\$	950.00
0	3/11/2010	Hansen	Review Syracuse analysis	\$	500.00	2.30	\$	1,150.00
0	3/11/2010	Twellman	review and update Massena [billing detail redacted for privilege purposes] Cash Flow Model	\$	330.00	1.50	\$	495.00

Se	ervice	Staff	Description	Rate	Hours	Amount
03/1	11/2010	Twellman	compare EPA and MLC Massena decision trees and write up differences	\$ 330.00	1.60	\$ 528.00
03/1	11/2010	Twellman	call w ARCADIS to discuss Massena EPA model	\$ 330.00	0.30	\$ 99.00
03/1	11/2010	Twellman	massena contingency and engineering discussion and analysis w Ray Kapp	\$ 330.00	0.80	\$ 264.00
03/1	11/2010	Twellman	review and update Buick City decision tree model	\$ 330.00	1.80	\$ 594.00
03/1	11/2010	Twellman	review and update Willow Run decision tree model	\$ 330.00	1.70	\$ 561.00
03/1	11/2010	Menees	Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates	\$ 295.00	1.80	\$ 531.00
03/1	11/2010	Menees	Teleconference with Arcadis staff re Buick City groundwater issues and cost estimates	\$ 295.00	0.40	\$ 118.00
03/1	11/2010	Ko	Analysis of Massena [billing detail redacted for privilege purposes]	\$ 225.00	3.80	\$ 855.00
03/1	11/2010	Ko	Continuation of Analysis of Massena [billing detail redacted for privilege purposes]	\$ 225.00	3.60	\$ 810.00
03/1	11/2010	Forrester	Work on Massena EPA Replication CF Model.	\$ 175.00	2.80	\$ 490.00
03/1	11/2010	Forrester	Reconcile between MLC vs EPA Models.	\$ 175.00	2.70	\$ 472.50
03/1	11/2010	Forrester	QC Massena CF model.	\$ 175.00	2.80	\$ 490.00
03/1	11/2010	Patti	Review and revise Massena Cash Flow baseline.	\$ 155.00	1.60	\$ 248.00
03/1	11/2010	Patti	Update Massena summary with revisions by Arcadis.	\$ 155.00	1.80	\$ 279.00
03/1	11/2010	Patti	Complete Massena [billing detail redacted for privilege purposes] Cash Flow Model.	\$ 155.00	1.60	\$ 248.00
03/1	11/2010	Patti	Create Massena Baseline Model to compare against Arcadis baseline.	\$ 155.00	1.90	\$ 294.50
03/1	11/2010	Patti	Adjust MLC Massena model to see impact of EPA changes.	\$ 155.00	3.80	\$ 589.00
03/1	11/2010	Patti	Quality check Massena MLC model with EPA changes for consistency.	\$ 155.00	2.20	\$ 341.00
03/1	12/2010	Twellman	review and update Massena [billing detail redacted for privilege purposes] Cash Flow analysis	\$ 330.00	1.10	\$ 363.00
03/1	12/2010	Twellman	update [billing detail redacted for privilege purposes] of Massena EPA decision tree model	\$ 330.00	0.90	\$ 297.00
03/1	12/2010	Twellman	call w ARCADIS R Kapp RE: Massena variances w EPA	\$ 330.00	0.50	\$ 165.00
03/1	12/2010	Twellman	continuation of call w ARCADIS R Kapp RE: Syracuse slurry wall	\$ 330.00	0.80	\$ 264.00
03/1	12/2010	Tweliman	update [billing detail redacted for privilege purposes] of Buick City EPA decision tree model from notes from GGH call w Brattle	\$ 330.00	1.50	\$ 495.00
03/1	12/2010	Twellman	review and update Willow Run decision tree model	\$ 330.00	1.10	\$ 363.00
03/1	12/2010	Twellman	review and update Syracuse decision tree model	\$ 330.00	1.00	\$ 330.00
03/1	12/2010	Twellman	call w ARCADIS S Gaito [billing detail redacted for privilege purposes]	\$ 330.00	0.70	\$ 231.00
03/1	12/2010	Ko	Continuation of Analysis of Massena Variances	\$ 225.00	3.90	\$ 877.50
03/1	12/2010	Ko	Continuation of Analysis of Massena Variances	\$ 225.00	3.70	\$ 832.50
03/1	12/2010	Ko	Continuation of Analysis of Massena Variances	\$ 225.00	2.40	\$ 540.00
03/1	12/2010	Ko	Analysis of Massena Variances	\$ 225.00	2.60	\$ 585.00
03/1	12/2010	Forrester	Work on Massena EPA Replication CF Model.	\$ 175.00	2.30	\$ 402.50
03/1	12/2010	Forrester	Reconcile between MLC vs EPA Massena Models.	\$ 175.00	3.00	\$ 525.00
03/1	12/2010	Patti	Review Massena MLC and EPA EV comparisons to reconcile differences.	\$ 155.00	2.50	\$ 387.50
03/1	12/2010	Patti	Review and adjust MLC model based on adjustments in Massena baseline.	\$ 155.00	3.80	\$ 589.00
03/1	12/2010	Patti	Run various model sensitivities to reconcile differences with Massena EPA analysis	\$ 155.00	3.20	\$ 496.00
03/1	14/2010	Twellman	review and update baseline used in Syracuse decision tree model	\$ 330.00	1.30	\$ 429.00
03/1	14/2010	Twellman	call w R Kapp to discuss baseline cash flow variances for Syracuse	\$ 330.00	0.20	\$ 66.00
03/1	14/2010	Twellman	review and update baseline cash flows in Massena decision tree model	\$ 330.00	1.60	\$ 528.00
03/1	14/2010	Twellman	call w R Kapp to discuss baseline cash flow variances for Massena	\$ 330.00	0.40	\$ 132.00
03/1	14/2010	Patti	Run sensitivities on Massena [billing detail redacted for privilege purposes].	\$ 155.00	2.40	\$ 372.00
03/1	15/2010	Forrester	Work on Massena [billing detail redacted for privilege purposes].	\$ 175.00	3.30	\$ 577.50
03/1	15/2010	Forrester	Assess updated inflation rates.	\$ 175.00	1.30	\$ 227.50
03/1	15/2010	Patti	Review Massena [billing detail redacted for privilege purposes] baseline and compare to MLC baseline.	\$ 155.00	1.10	\$ 170.50
03/1	15/2010	Patti	Adjust Syracuse model to reflect new Arcadis baseline.	\$ 155.00	3.20	\$ 496.00
03/1	15/2010	Patti	Run [billing detail redacted for privilege purposes] MLC Massena model [billing detail redacted for privilege purposes].	\$ 155.00	3.40	\$ 527.00
03/1	16/2010	Forrester	Massena MLC v (billing detail redacted for privilege purposes).	\$ 175.00	2.80	\$ 490.00
03/1	16/2010	Patti	Update Syracuse baseline and cash flow model with adjusted compounded inflation factor.	\$ 155.00	0.60	\$ 93.00
03/1	16/2010	Patti	Check [billing detail redacted for privilege purposes] Massena MLC cash flow model.	\$ 155.00	0.40	\$ 62.00
			update recreation of Moraine EPA decision tree model	\$ 330.00	1.20	\$ 396.00

Intention         Image: Compare Marsine Baselines with Acade Baseline         Image: Compare Marsine Baselines with Acade Baseline         Image: Compare Marsine Baselines with Acade Baseline         Image: Compare Marsines Baselines with Acade Baselines         Image: Compare Marsines Baselines with Acade Baselines         Image: Compare Marsines Baselines with Acade Baselines         Image: Compare Marsines         Image: Compa	Service	Staff	Description	Rate	Hours	Amount
Unitability         Control Control         Solution         Solution <td>03/18/2010</td> <td>Twellman</td> <td>review and update baseline variances w D Ko</td> <td>\$ 330.0</td> <td>0.80</td> <td>\$ 264.00</td>	03/18/2010	Twellman	review and update baseline variances w D Ko	\$ 330.0	0.80	\$ 264.00
1210010         Formation         2         1716.0         1         100         0         1100.0         0         1100.0         0         0         1100.0         0	03/18/2010	Ko	Compare Moraine Baseline with Arcadis Baseline	\$ 225.0	0 2.40	\$ 540.00
ST12020         Page         Own-A Huart Data's angline cards from model and records differences.         \$             10.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         1.00         \$             2.000         2.00 <t< td=""><td>03/18/2010</td><td>Forrester</td><td>QC all MLC baselines.</td><td>\$ 175.0</td><td>0 3.30</td><td>\$ 577.50</td></t<>	03/18/2010	Forrester	QC all MLC baselines.	\$ 175.0	0 3.30	\$ 577.50
12.10.01         Path         Check Magene baseline agained searting care from reducting differences.         \$         10.000         1.11.0         \$         7.17.000           12.12.010         Demail CC Systems moots agained taseline.         \$         10.000         1.11.0         \$         7.17.000           12.12.010         Jackson Milline Run edimenta auth KMuttry, Haarom, Hang, Arcada         \$         20.000         1.101         \$         3.000           12.12.011         Family movies and domagene baseline carb from models for hystocans         \$         20.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.000         1.011         \$         3.	03/18/2010	Forrester	Zip six decision tree site files and email internally.	\$ 175.0	0 1.80	\$ 315.00
01         0.5         1.5	03/18/2010	Patti	Check Hyatt Clark baseline against cash flow model and reconcile differences.	\$ 155.0	0 1.60	\$ 248.00
(2)100/10         Harsen         Review Wilser Aun saturate.         \$             000,00         1.12         \$             000,00         1.12         \$             000,00         1.12         \$             000,00         1.10         \$             000,00         1.10         \$             000,00         1.10         \$             000,00         1.10         \$             000,00         1.10         \$             000,00         \$             000,00         1.10         \$             000,0	03/18/2010	Patti	Check Moraine baseline against cash flow model and reconcile differences.	\$ 155.0	0 1.40	\$ 217.00
0.510000         Name         Particle of an M Wilson Run existing with MAMutry, Nationa, Hane, Avanda         \$             50000         1.10         \$             50000         1.00         \$             50000         1.00         \$             50000         1.00         \$             50000         1.00         \$             50000         1.00         \$             50000         1.00         \$             50000         1.00         \$             50000         1.00         \$             50000         1.00         \$             50000         1.00         \$             50000         1.00         \$             50000         1.00         \$             50000         1.00         \$             50000         1.00         \$             50000         1.00         \$             700000         \$             50000         1.00         \$             700000         \$             7000000         \$             70000000000000000000000000	03/18/2010	Patti	QC Syracuse model against baseline.	\$ 155.0	0 1.10	\$ 170.50
1010200         Tweltme         review and compare baseline cash flow models for Synacces         \$ 335.00         1.00         \$ 0.00           101120200         Rycker of compares baseline cash flow models for Hyst Clark         \$ 225.00         2.00         \$ 0.00           101120200         Rycker of compares baseline cash flow models for Hyst Clark         \$ 225.00         2.00         \$ 0.00           101120200         Rycker of compare baseline to Ancorle baseline tree in up the.         \$ 155.00         1.10         \$ 7.77           101120200         Pauli         Records diffuonces with Morare baseline tree in up the.         \$ 155.00         2.10         \$ 4.41           10222010         Tweltman         review Midde and decision tree in up the.         \$ 155.00         1.10         \$ 7.77           10222010         Tweltman         review Midde and decision tree in up the.         \$ 330.00         1.20         \$ 330.00         1.20         \$ 330.00         1.20         \$ 330.00         1.20         \$ 330.00         1.20         \$ 330.00         1.20         \$ 330.00         1.20         \$ 330.00         1.20         \$ 330.00         1.20         \$ 330.00         1.20         \$ 330.00         1.20         \$ 330.00         1.20         \$ 330.00         1.20         \$ 330.00         1.20         \$ 330.00	03/19/2010	Hansen	Review Willow Run estimate	\$ 500.0	0 1.20	\$ 600.00
193000         Twellman         rever and compare base/re cash flow models for Hyst Dark.         \$ 350.00         0.00         \$ 377           0312000         Ko         Reformat Murane models for rake support tale align with Baserine.         \$ 222.00         2.00         \$ 5.00           0312000         Ko         Compare Morran Baseline in Acade Baseline.         \$ 150.00         1.01         \$ 7.70           0312000         Pant         Recorder afferences with Morane baseline and cash flow model.         \$ 150.00         1.01         \$ 7.70           0312000         Pant         Recorder afferences with Morane baseline and cash flow model.         \$ 150.00         1.00         \$ 4.80           0322000         Twellman         review Milow Bin cash flow model balars and to Brattle         \$ 30.00         1.00         \$ 9.80           0322000         Twellman         review Milow Bin cash flow Morane Baseria and to Brattle         \$ 30.00         1.00         \$ 9.80           0322000         Memees         Teleconference with Acade staff re Wilow Run susce and cost estimates         \$ 296.00         0.00         \$ 1.80           04222010         Memees         Comparedon of MORE Baseriae Vilow Run susce and cost estimates         \$ 296.00         0.00         \$ 7.90           04222010         Memees         Comparefacio of MAC Baseriae Vilo	03/19/2010	Hansen	Phone call on MI Willow Run estimate with McMurtry, Hashem, Hare, Arcadis	\$ 500.0	0 1.10	\$ 550.00
(2)10200         Ko.         Referrent Marane model to make support table align with Baseline.         \$ 225.00         2.00         \$ 000           (3)102010         Ko.         Compute Marane Baseline to Arcador Baseline         \$ 155.00         1.10         \$ 170           (3)102010         Patti         Compute Stath from models and data from model and mark from model.         \$ 115.00         1.10         \$ 170           (3)102010         Patti         Recorded differences with Marane baseline and cath from model.         \$ 300.00         1.10         \$ 440           (3)222010         Testiman         modes Willow from cost 10 Britis         \$ 300.00         1.10         \$ 300           (3)222010         Testiman         modes Willow from cost 10 Britis         \$ 300.00         1.10         \$ 300           (3)222010         Memes         Testicorference with Accade self in Willow Run Baseline and cost settimates         \$ 295.00         0.00         \$ 111           (3)222010         Memes         Correspondence with Accade self in Willow Run         \$ 295.00         0.00         \$ 118           (3)222010         Memes         Correspondence with Accade self in Willow Run         \$ 295.00         0.00         \$ 295.00           (3)222010         Memes         Correspondence with Accade self in Willow Run         \$ 295.00	03/19/2010	Twellman	review and compare baseline cash flow models for Syracuse	\$ 330.0	0 1.10	\$ 363.00
(2)120200         Ku         Compare Hvmine Baseline to Acaddr Baseline         Second Secon	03/19/2010	Twellman	review and compare baseline cash flow models for Hyatt Clark	\$ 330.0	0 0.90	\$ 297.00
Instruction         Paint         Compiles 5 cash flow models and decision trees in 2p file.         1	03/19/2010	Ko	Reformat Moraine model to make support tabs align with Baseline.	\$ 225.0	0 2.80	\$ 630.00
(1312000         Pail         Recorde differences with Morare baseline and cach flow model.         \$ 116.00         2.70         \$ 411           (13222010)         Treatman         review Bilos Ru, cash flow model blore send to Brattle         \$ 330.00         1.00         \$ 465           (13222010)         Treatman         review Bilos Cip, cash flow model blore send to Brattle         \$ 330.00         1.00         \$ 466           (13222010)         Treatman         review Masena volume agreement from D CacegEPA         \$ 330.00         1.00         \$ 046           (13222010)         Menage         Teleconference with Acads staft me Wilow Run issues and cost estimates         \$ 295.00         0.00         \$ 255           (13222010)         Menage         Comparison of MDNRE Baseline to MLC Baseline - Wilow Run.         \$ 295.00         0.00         \$ 255           (13222010)         Ko         Comparison of MDNRE Baseline to MLC Baseline - Wilow Run.         \$ 275.00         2.00         \$ 885           (13222010)         Fereient         Ko and Wilow Run CE Model.         \$ 175.00         2.20         \$ 450           (13222010)         Fereient         Ko and Wilow Run CE Model.         \$ 110.0         \$ 500.00         1.10         \$ 500.00         1.10         \$ 500.00         1.10         \$ 500.00         1.10         \$	03/19/2010	Ко	Compare Moraine Baseline to Arcadis' Baseline	\$ 225.0	0 3.90	\$ 877.50
(1222010)         Twelman         review Willow Run calsh flow model before send to Brattle         \$ 330.00         1.00         \$ 390.00           (1222010)         Twelman         review Mussena volume agreements from D Casey/EPA         \$ 330.00         1.00         \$ 984           (1222010)         Wares         Teleforman         review Mussena volume agreements from D Casey/EPA         \$ 320.00         1.00         \$ 984           (1222010)         Wares         Teleconference with Cals of aff to Wilow Run issues and cost estimates         \$ 285.00         0.03         \$ 884           (1222010)         Wares         Correspondince with Arcads staff re Wilow Run issues and cost estimates         \$ 225.00         2.00         \$ 866           (1222010)         Koc         Comparison of MDNRE Baseline to Milow Run.         \$ 225.00         2.00         \$ 860           (1322010)         Ferseer         Work on Wilow Run CF Model.         \$ 117.00         2.00         \$ 600.00         1.00         \$ 5.00           (1322010)         Ferseer         Work on Wilow Run CF Model.         \$ 117.00         2.00         \$ 5.00           (1322010)         Ferseer         Work on Wilow Run CF Model.         \$ 117.00         2.00         \$ 5.00           (1322010)         Teelfman         Review Massena maniferials is prepare f	03/19/2010	Patti	Compile 5 cash flow models and decision trees in zip file.	\$ 155.0	0 1.10	\$ 170.50
17.222010         Twellman         review Black Clip cash flow model before send to Bratile         \$3000         1.20         \$3000           12.222010         Twellman         review Masserip volume agreements from D Casey/EPA         \$3000         1.40         \$644           12.222010         Menees         Teleconference with Caro staff re Willow Run issues and cost estimates         \$2500         0.40         \$118           12.222010         Menees         Teleconference with Acadis staff re Willow Run issues and cost estimates         \$2500         0.00         \$272000           12.222010         Menees         Teleconference with Acadis staff re Willow Run issues and cost estimates         \$2500         0.00         \$27200           12.222010         Comparison of MDNRE Baseline to MLC Baseline - Willow Run         \$22500         2.00         \$270           12.222010         Comparison of MDNRE Baseline to MLC Baselines - Willow Run         \$22500         2.00         \$4           12.222010         Forester         Work on Willow Run CF Medel         \$5         0.00         1.00         \$5           12.222010         Forester         Work on Willow Run CF Medel         \$5         0.000         1.10         \$5           12.222010         Tweetiman         Review Masseria analysis call (Kapp, Barnett, MAMurry, Twellman)         \$5	03/19/2010	Patti	Reconcile differences with Moraine baseline and cash flow model.	\$ 155.0	0 2.70	\$ 418.50
13222010         Twelman         review Massenu volume agreements from D Casey/EPA         \$             3000         1.80         \$             944         94222010           Maneas         Teleconference with Acade staff re Willow Run issues and cost estimates         \$             295.00         0.04         \$             118         94222010           Maneas         Teleconference with Acade staff re Willow Run issues and cost estimates         \$             295.00         0.00         \$             286.00         0.00         \$             286.00         0.00         \$             286.00         0.00         \$             286.00         0.00         \$             286.00         0.00         \$             286.00         0.00         \$             286.00         0.00         \$             286.00         0.00         \$             286.00         0.00         \$             286.00         0.00         \$             286.00         0.00         \$             286.00         0.00         \$             286.00         0.00         \$             286.00         0.00         \$             286.00         0.01         \$             286.00         0.01         \$             286.00         0.01         \$             286.00         0.01         \$             286.00         0.01         \$             286.00         0.01         \$             286.00         0.01         \$             286.00         0.01         \$             286.00<	03/22/2010	Twellman	review Willow Run cash flow model before send to Brattle	\$ 330.0	0 1.50	\$ 495.00
02222010         Menees         Teleconference with Arcada staff re Willow Run issues and cost estimates         \$ 295.00         0.0.0         \$ 118           03222010         Menees         Correspondence with Arcada staff re Willow Run issues and cost estimates         \$ 295.00         0.0.0         \$ 285.00           032222010         Menees         Correspondence with Arcada staff re Willow Run issues and cost estimates         \$ 295.00         0.80         \$ 236.00           032222010         Ko         Comparison of MDNRE Baseline to MLC Baseline - Willow Run.         \$ 225.00         2.06         \$ 662.00           03222010         For Contrustion of comparing MDNRE and MLC Baseline - Willow Run.         \$ 216.00         2.06         \$ 662.00           03222010         For Contrustion of comparing MDNRE and MLC Baseline - Willow Run.         \$ 216.00         2.00         \$ 440           03222010         Forematin         S monool         \$ 500.00         0.70         \$ 300.00         1.00         \$ 500.00         1.00         \$ 500.00         1.00         \$ 500.00         1.00         \$ 500.00         1.00         \$ 500.00         1.00         \$ 500.00         1.00         \$ 500.00         1.00         \$ 500.00         1.00         \$ 500.00         1.00         \$ 500.00         1.00         \$ 500.00         1.00         \$ 50	03/22/2010	Twellman	review Buick City cash flow model before send to Brattle	\$ 330.0	0 1.20	\$ 396.00
03222010         Nenees         Teleconference with Arcadis staff re Willow Run issues and cost estimates         \$ 295.00         0.00         \$ 295.00           03222010         Ko         Compondence with Arcadis staff re Willow Run         \$ 295.00         3.00         \$ 777.7           03222010         Ko         Comparison of MDNRE Baseline to MLC Baseline - Willow Run.         \$ 225.00         3.00         \$ 777.7           03222010         Ko         Continuation of comparing MDNRE and MLC Baseline - Willow Run.         \$ 225.00         2.26         \$ 560.00         0.07         \$ 380.00           03222010         Formester         Work on Willow Run CF Model.         \$ 175.00         2.28         \$ 490.00           03222010         Hamen         Review Massena materials to prepare for phone call         \$ 500.00         0.70         \$ 380.00           03222010         Twellman         Messena analysis call (App, Barnet, McMurty, Twellman)         \$ 300.00 </td <td>03/22/2010</td> <td>Twellman</td> <td>review Massena volume agreements from D Casey/EPA</td> <td>\$ 330.0</td> <td>0 1.80</td> <td>\$ 594.00</td>	03/22/2010	Twellman	review Massena volume agreements from D Casey/EPA	\$ 330.0	0 1.80	\$ 594.00
03222010         Menese         Correspondence with Arcadis staff re Willow Run Issues and cost estimates         \$ 295.00         0.80         \$ 238.00           03222010         Ko         Comparison of MDNRE Baseline to MLC Baseline - Willow Run.         \$ 225.00         3.60         \$ 777.7           03222010         Ko         Comparison of MDNRE Baseline to MLC Baseline - Willow Run.         \$ 225.00         2.60         \$ 6622           03222010         Forrester         Work on Willow Run CF Model.         \$ 175.00         2.80         \$ 490           03220010         Hansen         Review Massena materials to propare for phone call         \$ 500.00         0.70         \$ 350           03220010         Hansen         Massena analysis call (Kapp, Barnett, McMurty, Twellmar)         \$ 500.00         1.10         \$ 550           03220010         Twellman         review and update Massena cash flow model for volume [biling detal redacted for privlege purposes]         \$ 300.00         1.10         \$ 563           03220010         Twellman         review and update Massena cash flow model         \$ 330.00         0.80         2.24           03220010         Twellman         review and update Synacuse decision tree model         \$ 330.00         0.80         \$ 245           03220010         Twellman         reviem and update Synacuse decisin	03/22/2010	Menees	Teleconference with Claro staff re Willow Run issues and cost estimates	\$ 295.0	0 0.40	\$ 118.00
03222010         Ko         Comparison of MDNRE Baseline to MLC Baseline - Willow Run.         \$         225.00         3.50         \$         787           03222010         Ko         Continuation of comparing MDNRE and MLC Baselines - Willow Run.         \$         225.00         2.60         \$         6622         3.50         \$         6622         3.50         \$         6622         3.50         \$         6622         3.50         \$         6622         3.50         \$         6622         3.50         \$         6622         3.50         \$         6602         \$         4.600         \$         3.50	03/22/2010	Menees	Teleconference with Arcadis staff re Willow Run issues and cost estimates	\$ 295.0	0 0.30	\$ 88.50
B32222010         Ko         Continuation of comparing MDNRE and MLC Baselines - Wilow Run.         \$ 225.00         2.50         \$ 662           032222010         Forrester         Work on Wilow Run CF Model.         \$ 175.00         2.80         \$ 490           03232010         Hansen         Review Massena materials to prepare for phone call         \$ 600.00         0.70         \$ 350           03232010         Hansen         Massena analysis call (Kapp, Barnett, McMurtry, Twellman)         \$ 600.00         1.10         \$ 560           03232010         Twellman         review and update Massena cash flow model for volume [biling detall redacted for privilege purposes]         \$ 330.00         1.10         \$ 660           03232010         Twellman         review and update Massena cash flow model for volume [biling detall redacted for privilege purposes]         \$ 330.00         1.10         \$ 660           03232010         Twellman         review and update Wilow Run decision tree model         \$ 330.00         0.08         \$ 244           03232010         Twellman         review and update MACADIS R Kapp Synacuse decision model results         \$ 330.00         0.09         \$ 231           03232010         Patit         Organize March Decision Tree submission files.         \$ 165.00         0.40         \$ 620           03242010         Hansen	03/22/2010	Menees	Correspondence with Arcadis staff re Willow Run issues and cost estimates	\$ 295.0	0.80	\$ 236.00
03222010         Forrester         Work on Willow Run CF Model,         \$ 175.00         2.80         \$ 490           032230201         Hansen         Review Massena materials to prepare for phone call         \$ 600.00         1.10         \$ 550           032320201         Hansen         Massena analysis call (Kapp, Barnett, McMurty, Twellman)         \$ 600.00         1.10         \$ 550           032320201         Weilman         review and update Massena cash flow model for volume [billing detail redacted for privlege purposes]         \$ 330.00         1.00         \$ 333.00           032320201         Weilman         Review analysis call (Kapp, Barnett, McMurty, Twellman)         \$ 330.00         1.10         \$ 333.00           032320201         Weilman         review and update Wilow Run decision tree model         \$ 330.00         1.60         \$ 485           03232010         Twellman         review and update Syracuse decision model         \$ 330.00         0.00         \$ 221           032320101         Twellman         continuation of call w ARCADIS R Kapp Syracuse decision model results         \$ 330.00         1.20         \$ 600           03232010         Patit         Organize March Decision Tree model         \$ 330.00         1.20         \$ 600           0323242010         Hansen         Prione call on Syracuse (McMurty, Berz, Redwine,	03/22/2010	Ко	Comparison of MDNRE Baseline to MLC Baseline - Willow Run.	\$ 225.0	0 3.50	\$ 787.50
03232010         Hansen         Review Massena materialis to prepare for phone call         \$ 500.00         0.70         \$ 350           03232010         Hansen         Massena analysis call (Kapp, Barnett, McMurtry, Twellman)         \$ 500.00         1.10         \$ 550           03232010         Twellman         Review and update Massena cash flow model for volume [biling detail redacted for privilege purposes]         \$ 330.00         1.00         \$ 5207           03232010         Twellman         Massena analysis call (Kapp, Barnett, McMurtry, Twellman)         \$ 330.00         1.10         \$ 333.00           03232010         Twellman         Massena analysis call (Kapp, Barnett, McMurtry, Twellman)         \$ 330.00         1.00         \$ 495           03232010         Twellman         review and update Willow Run decision tree model         \$ 330.00         0.00         \$ 224           03232010         Twellman         review and update Synacuse decision tree model         \$ 330.00         0.00         \$ 224           03232010         Twellman         continuation of call w ARCADIS R Kapp Synacuse decision model results         \$ 330.00         0.00         \$ 221           03232010         Twellman         S fonco.00         1.20         \$ 600           03242010         Hansen         Phone call on Synacuse (McMurtry, Berz, Redwine, Hashem, Arcadis	03/22/2010	Ко	Continuation of comparing MDNRE and MLC Baselines - Willow Run.	\$ 225.0	0 2.50	\$ 562.50
03/23/2010         Hansen         Massena analysis call (Kapp, Barnett, McMurty, Twellman)         \$ 500.00         1.10         \$ 550.00           03/23/2010         Twellman         review and update Massena cash flow model for volume (pilling detail redacted for privlege purposes)         \$ 330.00         0.00         \$ 297           03/23/2010         Twellman         Massena analysis call (Kapp, Barnett, McMurty, Twellman)         \$ 330.00         1.10         \$ 330.00           03/23/2010         Twellman         Massena analysis call (Kapp, Barnett, McMurty, Twellman)         \$ 330.00         1.50         \$ 495           03/23/2010         Twellman         review and update Willow Run decision tree model         \$ 330.00         0.80         \$ 264           03/23/2010         Twellman         review and update Stracuse decision tree model         \$ 330.00         0.70         \$ 231           03/23/2010         Twellman         continuation of call w ARCADIS R Kapp Syracuse decision model results         \$ 330.00         1.20         \$ 600           03/23/2010         Datti         Organize March Decision Tree submission files.         \$ 5500.00         1.70         \$ 850           03/24/2010         Hansen         Phone call on Syracuse (McMurty, Berz, Redwine, Arcadis) and follow         \$ 5500.00         1.70         \$ 460           03/24/2010	03/22/2010	Forrester	Work on Willow Run CF Model.	\$ 175.0	0 2.80	\$ 490.00
03/23/2010         Twellman         review and update Massena cash flow model for volume [billing detail redacted for privlege purposes]         \$ 330.00         0.00         \$ 297           03/23/2010         Twellman         Massena analysis call (Kapp, Barnett, McMurty, Twellman)         \$ 330.00         1.10         \$ 363           03/23/2010         Twellman         review and update Wilow Run decision tree model         \$ 330.00         1.60         \$ 495           03/23/2010         Twellman         review and update Wilow Run decision tree model         \$ 330.00         0.00         \$ 264           03/23/2010         Twellman         review and update Syracuse decision tree model         \$ 330.00         0.70         \$ 231           03/23/2010         Twellman         review and update Syracuse decision tree model         \$ 330.00         0.70         \$ 231           03/23/2010         Petiti         Organize March Decision Tree submission files.         \$ 500.00         1.20         \$ 600           03/24/2010         Hansen         Syracuse contingency analysis and follow-up meeting with Patit, Twellman         \$ 500.00         1.70         \$ 850           03/24/2010         Hansen         Phone call on Buick City (McMurty, Berz, Redwine, Hashem, Arcadis) and follow         \$ 500.00         3.70         \$ 1.850           03/24/2010         Well	03/23/2010	Hansen	Review Massena materials to prepare for phone call	\$ 500.0	0 0.70	\$ 350.00
03/23/2010         Twellman         Nassena analysis cell (Kapp, Barnett, McMurtry, Twellman)         \$ 330.00         1.10         \$ 363           03/23/2010         Twellman         review and update Willow Run decision tree model         \$ 330.00         1.50         \$ 495           03/23/2010         Twellman         review and update Syracuse decision tree model         \$ 330.00         0.80         \$ 264           03/23/2010         Twellman         review and update Syracuse decision tree model         \$ 330.00         0.70         \$ 231           03/23/2010         Twellman         review and update Syracuse decision tree model         \$ 330.00         0.70         \$ 231           03/23/2010         Twellman         continuation of call w ARCADIS R Kapp Syracuse decision model results         \$ 330.00         0.30         \$ 99           03/23/2010         Patti         Organize March Decision Tree submission files.         \$ 155.00         0.40         \$ 62           03/24/2010         Hansen         Phone call on Syracuse (McMurtry, Berz, Redwine, Arcadis)         \$ 500.00         1.70         \$ 850           03/24/2010         Hansen         Phone call on Buick City (McMurtry, Berz, Redwine, Hashem, Arcadis) and follow-up meeting with GGH         \$ 330.00         1.70         \$ 495           03/24/2010         Twellman         review	03/23/2010	Hansen	Massena analysis call (Kapp, Barnett, McMurtry, Twellman)	\$ 500.0	0 1.10	\$ 550.00
03/23/2010       Twellman       review and update Willow Run decision tree model       \$ 330.00       1.50       \$ 495         03/23/2010       Twellman       update volume variance schedules for Massena       \$ 330.00       0.80       \$ 264         03/23/2010       Twellman       review and update Synause decision tree model       \$ 330.00       0.70       \$ 231         03/23/2010       Twellman       continuation of call w ARCADIS R Kapp Synause decision model results       \$ 330.00       0.30       \$ 99         03/23/2010       Patti       Organize March Decision Tree submission files.       \$ 155.00       0.40       \$ 620         03/24/2010       Hansen       Phone call on Synause (McMurtry, Berz, Redwine, Arcadis)       \$ 500.00       1.20       \$ 600         03/24/2010       Hansen       Phone call on Buick City (McMurtry, Berz, Redwine, Arcadis)       \$ 500.00       1.70       \$ 850         03/24/2010       Hansen       Phone call on Buick City (McMurtry, Berz, Redwine, Hashem, Arcadis) and follow       \$ 500.00       3.70       \$ 1.850         03/24/2010       Twellman       Synause (billing detail redacted for privilege purposes) analysis and follow-up meeting with GGH       \$ 330.00       1.70       \$ 561         03/24/2010       Twellman       create Massena volume (billing detail redacted for privilege purposes) results from	03/23/2010	Twellman	review and update Massena cash flow model for volume [billing detail redacted for privilege purposes]	\$ 330.0	0.90	\$ 297.00
03/23/2010       Twellman       update volume variance schedules for Massena       \$ 330.00       0.80       \$ 264         03/23/2010       Twellman       review and update Syracuse decision tree model       \$ 330.00       0.70       \$ 231         03/23/2010       Twellman       continuation of call w ARCADIS R Kapp Syracuse decision model results       \$ 330.00       0.30       \$ 99         03/23/2010       Parti       Organize March Decision Tree submission files.       \$ 155.00       0.40       \$ 622         03/24/2010       Hansen       Phone call on Syracuse (MMurtry, Berz, Redwine, Arcadis)       \$ 500.00       1.20       \$ 600         03/24/2010       Hansen       Syracuse contingency analysis and follow-up meeting with Pati, Twellman       \$ 500.00       1.70       \$ 850         03/24/2010       Hansen       Phone call on Buick City (McMurtry, Berz, Redwine, Hashem, Arcadis) and follow       \$ 500.00       3.70       \$ 1.850         03/24/2010       Twellman       review and update Massena decision tree model       \$ 330.00       1.70       \$ 495         03/24/2010       Twellman       review and update Massena decision tree model       \$ 330.00       1.70       \$ 561         03/24/2010       Twellman       review and update Massena decision tree model       \$ 330.00       1.70       \$ 561 <td>03/23/2010</td> <td>Twellman</td> <td>Massena analysis call (Kapp, Barnett, McMurtry, Twellman)</td> <td>\$ 330.0</td> <td>0 1.10</td> <td>\$ 363.00</td>	03/23/2010	Twellman	Massena analysis call (Kapp, Barnett, McMurtry, Twellman)	\$ 330.0	0 1.10	\$ 363.00
03/23/2010         Twellman         review and update Syracuse decision tree model         \$ 330.00         0.70         \$ 231           03/23/2010         Twellman         continuation of call w ARCADIS R Kapp Syracuse decision model results         \$ 330.00         0.30         \$ 99           03/23/2010         Patti         Organize March Decision Tree submission files.         \$ 155.00         0.40         \$ 62           03/24/2010         Hansen         Phone call on Syracuse (McMurtry, Berz, Redwine, Arcadis)         \$ 500.00         1.20         \$ 600           03/24/2010         Hansen         Syracuse contingency analysis and follow-up meeting with Patti, Twellman         \$ 500.00         1.70         \$ 850           03/24/2010         Hansen         Phone call on Buick City (McMurtry, Berz, Redwine, Hashern, Arcadis) and follow         \$ 500.00         3.70         \$ 1.850           03/24/2010         Twellman         review and update Massena decision tree model         \$ 330.00         1.50         \$ 495           03/24/2010         Twellman         syracuse [billing detail redacted for privilege purposes] analysis and follow-up meeting with GGH         \$ 330.00         1.70         \$ 561           03/24/2010         Twellman         create Massena volume [billing detail redacted for privilege purposes] results from Dan Casey         \$ 330.00         1.00         \$ 330	03/23/2010	Twellman	review and update Willow Run decision tree model	\$ 330.0	0 1.50	\$ 495.00
03/23/2010       Twellman       continuation of call w ARCADIS R Kapp Syracuse decision model results       \$ 330.00       0.30       \$ 99         03/23/2010       Patti       Organize March Decision Tree submission files.       \$ 155.00       0.40       \$ 62         03/23/2010       Hansen       Phone call on Syracuse (McMurtry, Berz, Redwine, Arcadis)       \$ 500.00       1.20       \$ 600         03/24/2010       Hansen       Phone call on Syracuse (McMurtry, Berz, Redwine, Arcadis)       \$ 500.00       1.70       \$ 850         03/24/2010       Hansen       Phone call on Buick City (McMurtry, Berz, Redwine, Hashem, Arcadis) and follow       \$ 500.00       3.70       \$ 1.850         03/24/2010       Twellman       review and update Massena decision tree model       \$ 330.00       1.70       \$ 435         03/24/2010       Twellman       s 330.00       1.70       \$ 561         03/24/2010       Twellman       s 330.00       1.70       \$ 561         03/24/2010       Twellman       create Massena volume (billing detail redacted for privilege purposes) results from Dan Casey       \$ 330.00       1.00       \$ 330         03/24/2010       Twellman       call to discuss Syracuse (billing detail redacted for privilege purposes) results w R Kapp       \$ 330.00       1.00       \$ 330         03/24/2010	03/23/2010	Twellman	update volume variance schedules for Massena	\$ 330.0	0.80	\$ 264.00
03/23/2010       Patti       Organize March Decision Tree submission files.       \$ 155.00       0.40       \$ 62         03/23/2010       Hansen       Phone call on Syracuse (McMurtry, Berz, Redwine, Arcadis)       \$ 500.00       1.20       \$ 600         03/24/2010       Hansen       Syracuse contingency analysis and follow-up meeting with Patti, Twellman       \$ 500.00       1.70       \$ 850         03/24/2010       Hansen       Phone call on Buick City (McMurtry, Berz, Redwine, Hashem, Arcadis) and follow       \$ 500.00       3.70       \$ 1.850         03/24/2010       Hansen       Phone call on Buick City (McMurtry, Berz, Redwine, Hashem, Arcadis) and follow       \$ 500.00       3.70       \$ 1.850         03/24/2010       Twellman       review and update Massena decision tree model       \$ 330.00       1.50       \$ 495         03/24/2010       Twellman       review and update Massena decision tree model       \$ 330.00       1.70       \$ 561         03/24/2010       Twellman       create Massena volume [billing detail redacted for privilege purposes] results from Dan Casey       \$ 330.00       1.00       \$ 330         03/24/2010       Twellman       call to discuss Syracuse [billing detail redacted for privilege purposes] results we Kapp       \$ 330.00       1.00       \$ 330         03/24/2010       Menees       Correspondence with Ar	03/23/2010	Twellman	review and update Syracuse decision tree model	\$ 330.0	0 0.70	\$ 231.00
03/24/2010       Hansen       Phone call on Syracuse (McMurtry, Berz, Redwine, Arcadis)       \$ 500.00       1.20       \$ 600         03/24/2010       Hansen       Syracuse contingency analysis and follow-up meeting with Patti, Twellman       \$ 500.00       1.70       \$ 860         03/24/2010       Hansen       Phone call on Buick City (McMurtry, Berz, Redwine, Hashem, Arcadis) and follow       \$ 500.00       3.70       \$ 1,850         03/24/2010       Hansen       Phone call on Buick City (McMurtry, Berz, Redwine, Hashem, Arcadis) and follow-up meeting with GGH       \$ 330.00       1.50       \$ 495         03/24/2010       Twellman       review and update Massena decision tree model       \$ 330.00       1.70       \$ 561         03/24/2010       Twellman       Syracuse (billing detail redacted for privilege purposes) analysis and follow-up meeting with GGH       \$ 330.00       1.70       \$ 561         03/24/2010       Twellman       carete Massena volume (billing detail redacted for privilege purposes) results from Dan Casey       \$ 330.00       0.80       \$ 264         03/24/2010       Twellman       call to discuss Syracuse (billing detail redacted for privilege purposes) results w R Kapp       \$ 330.00       1.00       \$ 330         03/24/2010       Menees       Correspondence with Arcadis staff re Willow Run issues and cost estimates       \$ 295.00       0.40       \$ 118	03/23/2010	Twellman	continuation of call w ARCADIS R Kapp Syracuse decision model results	\$ 330.0	0 0.30	\$ 99.00
03/24/2010       Hansen       Syracuse contingency analysis and follow-up meeting with Patti, Tweliman       \$ 500.00       1.70       \$ 850         03/24/2010       Hansen       Phone call on Buick City (McMurtry, Berz, Redwine, Hashem, Arcadis) and follow       \$ 500.00       3.70       \$ 1,850         03/24/2010       Twellman       review and update Massena decision tree model       \$ 330.00       1.50       \$ 445         03/24/2010       Twellman       Syracuse [billing detail redacted for privilege purposes] analysis and follow-up meeting with GGH       \$ 330.00       1.70       \$ 561         03/24/2010       Twellman       create Massena volume [billing detail redacted for privilege purposes] results from Dan Casey       \$ 330.00       0.80       \$ 264         03/24/2010       Twellman       call to discuss Syracuse [billing detail redacted for privilege purposes] results w R Kapp       \$ 330.00       1.00       \$ 330         03/24/2010       Twellman       call to discuss Syracuse [billing detail redacted for privilege purposes] results w R Kapp       \$ 330.00       1.00       \$ 330         03/24/2010       Menees       Correspondence with Claro staff re Willow Run issues and cost estimates       \$ 295.00       0.40       \$ 118         03/24/2010       Menees       Teleconference with Arcadis staff re Buick City groundwater issues and cost estimates       \$ 295.00       1.20	03/23/2010	Patti	Organize March Decision Tree submission files.	\$ 155.0	0 0.40	\$ 62.00
03/24/2010       Hansen       Phone call on Buick City (McMurtry, Berz, Redwine, Hashern, Arcadis) and follow       \$ 500.00       3.70       \$ 1,850         03/24/2010       Twellman       review and update Massena decision tree model       \$ 330.00       1.50       \$ 495         03/24/2010       Twellman       Syracuse [billing detail redacted for privilege purposes] analysis and follow-up meeting with GGH       \$ 330.00       1.70       \$ 561         03/24/2010       Twellman       create Massena volume [billing detail redacted for privilege purposes] esults from Dan Casey       \$ 330.00       0.80       \$ 264         03/24/2010       Twellman       call to discuss Syracuse [billing detail redacted for privilege purposes] results from Dan Casey       \$ 330.00       1.00       \$ 330         03/24/2010       Twellman       call to discuss Syracuse [billing detail redacted for privilege purposes] results w R Kapp       \$ 330.00       1.00       \$ 330         03/24/2010       Menees       Correspondence with Claro staff re Willow Run issues and cost estimates       \$ 295.00       0.40       \$ 118         03/24/2010       Menees       Correspondence with Arcadis staff re Buick City groundwater issues and cost estimates       \$ 295.00       0.30       \$ 88         03/24/2010       Menees       Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates       \$ 295.	03/24/2010	Hansen	Phone call on Syracuse (McMurtry, Berz, Redwine, Arcadis)	\$ 500.0	0 1.20	\$ 600.00
03/24/2010       Twellman       review and update Massena decision tree model       \$ 330.00       1.50       \$ 495         03/24/2010       Twellman       Syracuse [billing detail redacted for privilege purposes] analysis and follow-up meeting with GGH       \$ 330.00       1.70       \$ 561         03/24/2010       Twellman       create Massena volume [billing detail redacted for privilege purposes] results from Dan Casey       \$ 330.00       0.80       \$ 264         03/24/2010       Twellman       call to discuss Syracuse [billing detail redacted for privilege purposes] results from Dan Casey       \$ 330.00       1.00       \$ 330         03/24/2010       Twellman       call to discuss Syracuse [billing detail redacted for privilege purposes] results w R Kapp       \$ 330.00       1.00       \$ 330         03/24/2010       Twellman       call to discuss Syracuse [billing detail redacted for privilege purposes] results w R Kapp       \$ 330.00       1.00       \$ 330         03/24/2010       Menees       Correspondence with Arcadis staff re Willow Run issues and cost estimates       \$ 295.00       0.40       \$ 118         03/24/2010       Menees       Teleconference with Arcadis staff re Buick City groundwater issues and cost estimates       \$ 295.00       0.30       \$ 88         03/24/2010       Menees       Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates	03/24/2010	Hansen	Syracuse contingency analysis and follow-up meeting with Patti, Twellman	\$ 500.0	0 1.70	\$ 850.00
03/24/2010       Twellman       Syracuse [billing detail redacted for privilege purposes] analysis and follow-up meeting with GGH       \$ 330.00       1.70       \$ 561         03/24/2010       Twellman       create Massena volume [billing detail redacted for privilege purposes] results from Dan Casey       \$ 330.00       0.80       \$ 264         03/24/2010       Twellman       call to discuss Syracuse [billing detail redacted for privilege purposes] results from Dan Casey       \$ 330.00       1.00       \$ 330         03/24/2010       Twellman       call to discuss Syracuse [billing detail redacted for privilege purposes] results w R Kapp       \$ 330.00       1.00       \$ 330         03/24/2010       Menees       Correspondence with Claro staff re Willow Run issues and cost estimates       \$ 295.00       0.40       \$ 118         03/24/2010       Menees       Correspondence with Arcadis staff re Willow Run issues and cost estimates       \$ 295.00       0.60       \$ 177         03/24/2010       Menees       Teleconference with Arcadis staff re Buick City groundwater issues and cost estimates       \$ 295.00       0.30       \$ 88         03/24/2010       Menees       Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates       \$ 295.00       1.20       \$ 354         03/24/2010       Menees       Correspondence with Arcadis and Claro staff re Buick City groundwater issues	03/24/2010	Hansen	Phone call on Buick City (McMurtry, Berz, Redwine, Hashem, Arcadis) and follow	\$ 500.0	0 3.70	\$ 1,850.00
03/24/2010       Twellman       create Massena volume [billing detail redacted for privilege purposes] results from Dan Casey       \$ 330.00       0.80       \$ 264         03/24/2010       Twellman       call to discuss Syracuse [billing detail redacted for privilege purposes] results from Dan Casey       \$ 330.00       1.00       \$ 330         03/24/2010       Twellman       call to discuss Syracuse [billing detail redacted for privilege purposes] results w R Kapp       \$ 330.00       1.00       \$ 330         03/24/2010       Menees       Correspondence with Claro staff re Willow Run issues and cost estimates       \$ 295.00       0.40       \$ 118         03/24/2010       Menees       Correspondence with Arcadis staff re Willow Run issues and cost estimates       \$ 295.00       0.60       \$ 177         03/24/2010       Menees       Teleconference with Arcadis staff re Buick City groundwater issues and cost estimates       \$ 295.00       0.30       \$ 88         03/24/2010       Menees       Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates       \$ 295.00       1.20       \$ 354         03/24/2010       Menees       Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates       \$ 295.00       1.20       \$ 354         03/24/2010       Patti       Syracuse [billing detail redacted for privilege purposes] analysis on November Su	03/24/2010	Twellman	review and update Massena decision tree model	\$ 330.0	0 1.50	\$ 495.00
03/24/2010       Twellman       call to discuss Syracuse [billing detail redacted for privilege purposes] results w R Kapp       \$ 330.00       1.00       \$ 330         03/24/2010       Menees       Correspondence with Claro staff re Willow Run issues and cost estimates       \$ 295.00       0.40       \$ 118         03/24/2010       Menees       Correspondence with Arcadis staff re Willow Run issues and cost estimates       \$ 295.00       0.60       \$ 1177         03/24/2010       Menees       Teleconference with Arcadis staff re Buick City groundwater issues and cost estimates       \$ 295.00       0.30       \$ 88         03/24/2010       Menees       Correspondence with Arcadis staff re Buick City groundwater issues and cost estimates       \$ 295.00       0.30       \$ 88         03/24/2010       Menees       Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates       \$ 295.00       1.20       \$ 354         03/24/2010       Menees       Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates       \$ 295.00       1.20       \$ 354         03/24/2010       Patti       Syracuse [billing detail redacted for privilege purposes] analysis on November Submission.       \$ 155.00       1.30       \$ 201         03/24/2010       Patti       Review additions and changes to Syracuse November Submission and open items for New York Estimate. </td <td>03/24/2010</td> <td>Twellman</td> <td>Syracuse (billing detail redacted for privilege purposes) analysis and follow-up meeting with GGH</td> <td>\$ 330.0</td> <td>0 1.70</td> <td>\$ 561.00</td>	03/24/2010	Twellman	Syracuse (billing detail redacted for privilege purposes) analysis and follow-up meeting with GGH	\$ 330.0	0 1.70	\$ 561.00
03/24/2010       Menees       Correspondence with Claro staff re Willow Run issues and cost estimates       \$ 295.00       0.40       \$ 118         03/24/2010       Menees       Correspondence with Arcadis staff re Willow Run issues and cost estimates       \$ 295.00       0.60       \$ 117         03/24/2010       Menees       Teleconference with Arcadis staff re Buick City groundwater issues and cost estimates       \$ 295.00       0.30       \$ 88         03/24/2010       Menees       Correspondence with Arcadis staff re Buick City groundwater issues and cost estimates       \$ 295.00       0.30       \$ 88         03/24/2010       Menees       Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates       \$ 295.00       1.20       \$ 354         03/24/2010       Patti       Syracuse [billing detail redacted for privilege purposes] analysis on November Submission.       \$ 155.00       1.30       \$ 201         03/24/2010       Patti       Review additions and changes to Syracuse November Submission and open items for New York Estimate.       \$ 155.00       1.60       \$ 248	03/24/2010	Twellman	create Massena volume [billing detail redacted for privilege purposes] results from Dan Casey	\$ 330.0	0.80	\$ 264.00
03/24/2010         Menees         Correspondence with Arcadis staff re Willow Run issues and cost estimates         \$ 295.00         0.60         \$ 177           03/24/2010         Menees         Teleconference with Arcadis staff re Buick City groundwater issues and cost estimates         \$ 295.00         0.30         \$ 88           03/24/2010         Menees         Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates         \$ 295.00         1.20         \$ 354           03/24/2010         Patti         Syracuse [billing detail redacted for privilege purposes] analysis on November Submission.         \$ 155.00         1.30         \$ 201           03/24/2010         Patti         Review additions and changes to Syracuse November Submission and open items for New York Estimate.         \$ 155.00         1.60         \$ 248	03/24/2010	Twellman	call to discuss Syracuse [billing detail redacted for privilege purposes] results w R Kapp	\$ 330.0	0 1.00	\$ 330.00
03/24/2010       Menees       Teleconference with Arcadis staff re Buick City groundwater issues and cost estimates       \$ 295.00       0.30       \$ 88         03/24/2010       Menees       Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates       \$ 295.00       1.20       \$ 354         03/24/2010       Patti       Syracuse [billing detail redacted for privilege purposes] analysis on November Submission.       \$ 155.00       1.30       \$ 201         03/24/2010       Patti       Review additions and changes to Syracuse November Submission and open items for New York Estimate.       \$ 155.00       1.60       \$ 248	03/24/2010	Menees	Correspondence with Claro staff re Willow Run issues and cost estimates	\$ 295.0	0 0.40	\$ 118.00
03/24/2010       Menees       Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates       \$ 295.00       1.20       \$ 354         03/24/2010       Patti       Syracuse [billing detail redacted for privilege purposes] analysis on November Submission.       \$ 155.00       1.30       \$ 201         03/24/2010       Patti       Review additions and changes to Syracuse November Submission and open items for New York Estimate.       \$ 155.00       1.60       \$ 248	03/24/2010	Menees	Correspondence with Arcadis staff re Willow Run issues and cost estimates	\$ 295.0	0.60	\$ 177.00
03/24/2010       Menees       Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates       \$ 295.00       1.20       \$ 354         03/24/2010       Patti       Syracuse [billing detail redacted for privilege purposes] analysis on November Submission.       \$ 155.00       1.30       \$ 201         03/24/2010       Patti       Review additions and changes to Syracuse November Submission and open items for New York Estimate.       \$ 155.00       1.60       \$ 248						
03/24/2010       Patti       Syracuse [billing detail redacted for privilege purposes] analysis on November Submission.       \$ 155.00       1.30       \$ 201         03/24/2010       Patti       Review additions and changes to Syracuse November Submission and open items for New York Estimate.       \$ 155.00       1.60       \$ 248						
03/24/2010 Patti Review additions and changes to Syracuse November Submission and open items for New York Estimate. \$ 155.00 1.60 \$ 248						
03/25/2010 Hansen Syracuse [billing detail redacted for privilege purposes] analysis review \$ 500.00 0.40 \$ 200						

Service	Staff	Description		Rate	Hours	An	nount
03/25/2010	Hansen	Prepare for Buick City conference call with EPA	\$	500.00	1.30	\$	650.00
03/25/2010	Hansen	Debrief on Buick City conference call/next steps	\$	500.00	0.80	\$	400.00
03/25/2010	Twellman	compare EPA and MLC Buick City decision trees	\$	330.00	1.00	\$	330.00
03/25/2010	Twellman	review and update Massena decision tree model	\$	330.00	0.70	\$	231.00
03/25/2010	Twellman	identify and quantify key issues remaning for Massena	\$	330.00	1.30	\$	429.00
03/25/2010	Twellman	review and update Buick City decision tree model for R Menees/Arcadis comments	\$	330.00	1.20	\$	396.00
03/25/2010	Twellman	review and update Syracuse decision tree model for R Kapp comments	\$	330.00	1.10	\$	363.00
03/25/2010	Menees	Teleconference with MLC team and regulators re Buick City decision tree and cost estimates	\$	295.00	2.20	\$	649.00
03/25/2010	Menees	Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates	\$	295.00	0.60	\$	177.00
03/25/2010	Patti	Adjust Syracuse baseline to reflect 2009 Dollars total, static rates total, and laddered rates total.	\$	155.00	0.70	\$	108.50
03/26/2010	Twellman	review and update Buick City decision tree model	\$	330.00	1.10	\$	363.00
03/26/2010	Twellman	call w ARCADIS R Kapp/D Casey to discuss Massena volumes	\$	330.00	0.30	\$	99.00
03/26/2010	Twellman	review Willow Run decision tree model comparison to baseline results and EPA results	\$	330.00	1.70	\$	561.00
03/26/2010	Twellman	call w ARCADIS to discuss Buick City updates	\$	330.00	0.50	\$	165.00
03/26/2010	Patti	Create Summary itemizing differences between Buick City November Submission and Revised March estimate.	\$	155.00	1.70	\$	263.50
	Patti	Complete Summary, including open items from adjusted Buick City government cash flow model.	\$	155.00	3.30	\$	511.50
	Hansen	Review updated EPA Buick City analysis	\$	500.00	0.60	\$	300.00
	Hansen	Phone call re: Buick City (Arcadis, McMurtry, Twellman, Hashem)	\$	500.00	1.20	\$	600.00
03/29/2010		Review Massena revised analysis	\$	500.00	1.20		600.00
	Hansen	Phone call re: Massena (Arcadis, McMurtry, Redwine, Twellman)	\$	500.00	1.60	\$	800.00
	Hansen	Review differences between Gov't and MLC estimates	\$	500.00	1.30	\$	650.00
03/29/2010	Twellman	call w ARCADIS R Kapp D McMurtry RE: Massena variances w EPA	\$	330.00	1.50	\$	495.00
03/29/2010	Twellman	Phone call re: Buick City (S Gaito, David McMurtry, GGH Mary Hashern)	\$	330.00	1.20	\$	396.00
03/29/2010	Twellman	review and update Willow Run decision tree model	\$	330.00	1.40	\$	462.00
03/29/2010	Twellman	update Willow Run EPA and MLC variances	\$	330.00	0.70	\$	231.00
03/29/2010	Twellman	review and update Buick City decision tree model for comments from MLC call	\$	330.00	1.80	\$	594.00
03/29/2010	Twellman	review and update Massena decision tree model for comments from Arcadis call	\$	330.00	2.00	\$	660.00
	Menees	Teleconference with Arcadis staff re Buick City groundwater issues and cost estimates	\$	295.00	0.40	\$	118.00
	Menees	Correspondence with Arcadis staff re Buick City groundwater issues and cost estimates	\$	295.00	0.60	\$	177.00
03/29/2010	Ko	Reconcile Baseline Differences (billing detail redacted for privilege purposes) as of March Submission.	\$	225.00	3.70	\$	832.50
	Ко	Continue to Reconcile Baseline Differences from March Submission - Willow Run.	\$	225.00	2.30	\$	517.50
	Patti	Update Buick City Table for presentation.	\$	155.00	1.20		186.00
03/29/2010		Update Massena Cash Flow model with information from Arcadis.	\$	155.00	3.70		573.50
	Patti	Update Massena Cash Flow Model and cell reference information from support tabs to cash flow and summary tabs.	\$	155.00	3.80	\$	589.00
	Patti	Create Baseline Massena Cash Flow Model for QC.	\$	155.00	3.30	\$	511.50
	Hansen	Review differences [billing detail redacted for privilege purposes]	\$	500.00	1.30	\$	650.00
03/30/2010		Prepare summary of [billing detail redacted for privilege purposes]	\$	500.00	3.60		1,800.00
	Hansen	Phone call with McMurtry, Gaito re: open tasks re: summary of differences presentations	\$	500.00	0.40	\$	200.00
	Hansen	Review/revise [billing detail redacted for privilege purposes]	\$	500.00	4.60		2.300.00
03/30/2010	Twellman	review and update Willow Run decision tree model for comments from Menees	\$	330.00	1.60		528.00
03/30/2010	Twellman	review and update Buick City decision tree model for comments from Menees	\$	330.00	1.00		396.00
03/30/2010	Twellman	create extended cash flow sensititivities for Hyatt Clark	\$	330.00	1.20		429.00
	Twellman	review and update Massena decision tree model for comments from R Kapp	φ \$	330.00	1.30	\$	594.00
		[billing detail redacted for privilege purposes] by site by key differences					
03/30/2010	Twellman		\$	330.00	2.90		957.00
	Twellman	review and update Syracuse decision tree model for R Kapp comments	\$	330.00	1.50	\$	495.00
	Menees	Teleconferences with Claro staff re Buick City issues and cost estimates	\$	295.00	1.40		413.00
	Menees	Correspondence with Claro staff re Buick City issues and cost estimates	\$	295.00	0.60	\$	177.00
	Menees	Revisions to Buick City decision tree	\$	295.00	2.20	\$	649.00
03/30/2010	Menees	Develop and review revised cost estimates for Buick City decision tree remedial activities	\$	295.00	2.60	\$	767.00

Service	Staff	Description		Rate	Hours	Ar	mount
03/30/2010	Menees	Correspondence with Arcadis staff re Buick City groundwater issues and cost estimates	\$	295.00	0.80	\$	236.00
03/30/2010	Menees	Correspondence with MLC team re Buick City issues and cost estimates	\$	295.00	1.20	\$	354.00
03/30/2010	Menees	Teleconference with Arcadis staff re Buick City issues and cost estimates	\$	295.00	1.10	\$	324.50
03/30/2010	Ko	Reconcile Baseline Differences between MLC and MDNRE - Willow Run	\$	225.00	3.40	\$	765.00
03/30/2010	Ko	Continue to reconcile baseline differences between MLC and MDNRE - Willow Run.	\$	225.00	3.50	\$	787.50
03/30/2010	Ko	Create Table for Power Point Presentation - Willow Run.	\$	225.00	1.40	\$	315.00
03/30/2010	Ko	Review and Discuss Updated Baseline Differences between MLC and MDNRE - Willow Run	\$	225.00	2.30	\$	517.50
03/30/2010	Forrester	QC Massena CF Model.	\$	175.00	2.00	\$	350.00
03/30/2010	Patti	QC Massena Cash Flow Model and Baseline.	\$	155.00	3.80	\$	589.00
03/30/2010	Patti	Create Syracuse, Buick City and Massena Tables for presentation.	\$	155.00	3.60	\$	558.00
03/30/2010	Patti	QC table calculations and baselines for Syracuse, Buick City, and Massena.	\$	155.00	3.60	\$	558.00
03/31/2010	Hansen	Review/revise summary of differences	\$	500.00	4.50	\$	2,250.00
03/31/2010	Hansen	Review Massena analysis	\$	500.00	2.10	\$	1,050.00
03/31/2010	Hansen	Review Buick City analysis	\$	500.00	0.60	\$	300.00
03/31/2010	Hansen	[billing detail redacted for privilege purposes] analysis	\$	500.00	2.60	\$	1,300.00
03/31/2010	Twellman	review and update Massena decision tree model for new volumes	\$	330.00	1.50	\$	495.00
03/31/2010		review and update EPA replication of Massena	\$	330.00	1.60	\$	528.00
03/31/2010	Twellman	call w ARCADIS to discuss massena tree	\$	330.00	0.40	\$	132.00
03/31/2010	Twellman	update MLC and EPA differences by site by issue	\$	330.00	1.80	\$	594.00
03/31/2010	Twellman	Create tables for Power Point Presentation	\$	330.00	1.10	\$	363.00
03/31/2010	Twellman	Revise (billing detail redacted for privilege purposes) analysis (billing detail redacted for privilege purposes)	\$	330.00	1.90	\$	627.00
03/31/2010	Menees	Revisio to Buick City decision tree	\$	295.00	2.30	\$	678.50
			\$		2.30	\$	
03/31/2010	Menees	Develop and review revised cost estimates for Buick City decision tree remedial activities	T	295.00			649.00
03/31/2010	Menees	Teleconferences with Claro staff re Buick City issues and cost estimates	\$	295.00	0.60	\$	177.00
03/31/2010	Menees	Teleconference with Arcadis staff re Buick City issues and cost estimates	\$	295.00	0.80	\$	236.00
03/31/2010	Menees	Correspondence with Claro staff re Buick City issues and cost estimates	\$	295.00	1.20		354.00
03/31/2010	Menees	Correspondence with Arcadis staff re Buick City groundwater issues and cost estimates	\$	295.00	0.70	\$	206.50
03/31/2010	Ko	Reconcile Baseline Models [billing detail redacted for privilege purposes] - Buick City.	\$	225.00	3.80	\$	855.00
03/31/2010		Reconcile Baseline Models - Willow Run.	\$	225.00	3.90	\$	877.50
03/31/2010	Ko	Willow Run analysis	\$	225.00	3.90	\$	877.50
03/31/2010		Hyatt Clark CF Model.	\$	175.00	3.00	\$	525.00
03/31/2010	Forrester	Syracuse CF Model.	\$	175.00	3.30	\$	577.50
03/31/2010	Patti	Edit [billing detail redacted for privilege purposes] presentation with additional and updated information.	\$	155.00	3.40	\$	527.00
03/31/2010	Patti	Create MLC vs. Brattle tables support file.	\$	155.00	3.90	\$	604.50
03/31/2010	Patti	Update Massena Decision Tree with volumes.	\$	155.00	1.30	\$	201.50
03/31/2010	Patti	Calculate [billing detail redacted for privilege purposes] for Buick City.	\$	155.00	2.40	\$	372.00
03/31/2010	Patti	Update Massena table with new baseline information.	\$	155.00	1.00	\$	155.00
4/1/2010	Menees	Teleconference with Arcadis staff re Buick City groundwater issues and cost estimates	\$	295.00	0.40	\$	118.00
4/1/2010	Menees	Correspondence with Arcadis and Claro staff re Buick City groundwater issues and cost estimates	\$	295.00	2.20	\$	649.00
4/1/2010	Patti	Update Massena Cash Flow Model with new baseline information.	\$	155.00	3.30	\$	511.50
4/1/2010	Patti	Update Agency Cost in Massena Cash Flow Model.	\$	155.00	1.70	\$	263.50
4/2/2010	Patti	Create Massena [billing detail redacted for privilege purposes] Cash Flow Model.	\$	155.00	1.30	\$	201.50
4/2/2010	Patti	Expand Massena CFs to [billing detail redacted for privilege purposes].	\$	155.00	1.20	\$	186.00
4/5/2010	Hansen	Phone call on non-owned sites with Arcadis, McMurtry, Redwine Review proposed changes to Willow Run decision tree and [billing detail redacted for privilege purposes] to MDNRE	\$	500.00	1.80	\$	900.00
4/5/2010	Menees	Review proposed changes to Willow Run decision tree and [billing detail redacted for privilege purposes] to MUNRE positions	\$	295.00	0.80	\$	236.00
4/5/2010	Menees	Correspondence with Arcadis and Claro staff re Buick City issues and cost estimates	\$	295.00	0.70	\$	206.50
4/5/2010	Menees	Correspondence with Arcadis and Claro staff re Willow Run issues and cost estimates	\$	295.00	0.60	\$	177.00
4/5/2010	Patti	Manual EV Calculation	\$	155.00	0.30	\$	46.50
4/5/2010	Patti	Compare Syracuse baselines.	\$	155.00	0.60	\$	93.00

Service	Staff	Description	Rate	Hours	Amount
4/5/2010	Patti	QC Buick City LNAPL Disposal cash flow spread.	\$ 155.00	0.50	\$ 77.50
4/5/2010	Patti	QC Massena [billing detail redacted for privilege purposes] cash flow model and manual	\$ 155.00	0.70	\$ 108.50
4/5/2010	Twellman	update Willow Run decision tree analysis	\$ 330.00	1.60	\$ 528.00
4/5/2010	Twellman	update Syracuse decision tree analysis	\$ 330.00	1.20	\$ 396.00
4/5/2010	Twellman	QC sites with [billing detail redacted for privilege purposes]	\$ 330.00	1.40	\$ 462.00
4/6/2010	Forrester	Work on Massena [billing detail redacted for privilege purposes] baseline.	\$ 175.00	2.30	\$ 402.50
4/6/2010	Hansen	Revisions to Willow Run and Buick City decision tree and communication to staff/Arcadis	\$ 500.00	1.30	\$ 650.00
4/6/2010	Hansen	Phone call on Buick City	\$ 500.00	1.50	\$ 750.00
4/6/2010	Hansen	Phone call on Willow Run	\$ 500.00	1.20	\$ 600.00
4/6/2010	Ko	Update Willow Run Baseline to Reflect Alternative Analysis	\$ 225.00	4.00	\$ 900.00
4/6/2010	Ko	Continue to Update Willow Run Baseline to Reflect Alternative Analysis	\$ 225.00	2.50	\$ 562.50
4/6/2010	Menees	Teleconference with MLC team re Buick City issues and cost estimates	\$ 295.00	1.20	\$ 354.00
4/6/2010	Menees	Teleconference with MLC team re Buick City issues and cost estimates	\$ 295.00	2.60	\$ 767.00
4/6/2010	Menees	Correspondence with Arcadis and Claro staff re Buick City issues and cost estimates	\$ 295.00	0.90	\$ 265.50
4/6/2010	Menees	Develop and review proposed changes to Buick City decision tree and presentation slides	\$ 295.00	2.40	\$ 708.00
4/6/2010	Menees	Teleconference with Claro staff re Buick City issues and cost estimates	\$ 295.00	1.20	\$ 354.00
4/6/2010	Menees	Teleconferences with Arcadis staff re Buick City issues and cost estimates	\$ 295.00	1.00	\$ 295.00
4/6/2010	Patti	Assemble back up support for GSI and Non-GSI Zone monitoring for Buick City.	\$ 155.00	0.30	\$ 46.50
4/6/2010	Patti	Create Buick City baseline with revisions provided by Rob Menees.	\$ 155.00	2.20	\$ 341.00
4/6/2010	Patti	Update Buick City cash flow model with revisions.	\$ 155.00	2.80	\$ 434.00
4/6/2010	Twellman	Revise Massena decision tree model	\$ 330.00	1.40	\$ 462.00
4/6/2010	Twellman	update Willow Run decision tree analysis	\$ 330.00	1.50	\$ 495.00
4/6/2010	Tweliman	update Buick City decision tree model analysis	\$ 330.00	1.30	\$ 429.00
4/7/2010	Hansen	Review, update, QC Buick City baseline and decision tree analysis and discussion document	\$ 500.00	7.30	\$ 3,650.00
4/7/2010	Hansen	Review, update Willow Run baseline estimate and decision tree	\$ 500.00	1.20	\$ 600.00
4/7/2010	Ko	Update Willow Run Model - Reflect New Baseline	\$ 225.00	1.90	\$ 427.50
4/7/2010	Ko	Teleconference with Rob Manees related to Willow Run issues and cost estimates	\$ 225.00	0.60	\$ 135.00
4/7/2010	Menees	Correspondence with Arcadis and Claro staff re Buick City issues and cost estimates	\$ 295.00	2.20	\$ 649.00
4/7/2010	Menees	Develop and review proposed changes to Buick City decision tree, model and presentation slides	\$ 295.00	2.40	\$ 708.00
4/7/2010	Menees	Teleconferences with Arcadis and Claro staff re Buick City issues and cost estimates	\$ 295.00	1.80	\$ 531.00
4/7/2010	Menees	Teleconferences with Claro staff re Buick City issues and cost estimates	\$ 295.00	2.60	\$ 767.00
4/7/2010	Menees	Teleconferences with Arcadis staff re Buick City issues and cost estimates	\$ 295.00	1.40	\$ 413.00
4/7/2010	Menees	Teleconferences with MLC team re Buick City issues and cost estimates	\$ 295.00	1.30	\$ 383.50
4/7/2010	Patti	Format and QC Massena CF model	\$ 155.00	1.60	\$ 248.00
4/7/2010	Patti	Format and QC Buick Clty CF Model.	\$ 155.00	1.40	\$ 217.00
4/7/2010	Patti	Call with Arcadis to discuss Buick City and Willow Run baseline revised cash flows.	\$ 155.00	1.40	\$ 217.00
4/7/2010	Patti	Post-call analysis.	\$ 155.00	0.60	\$ 93.00
4/7/2010	Patti	Update Buick City and Willow Run baselines.	\$ 155.00	1.80	\$ 279.00
4/7/2010	Patti	Update Willow Run and Buick City Decision Trees.	\$ 155.00	1.10	\$ 170.50
4/7/2010	Patti	Call with Rob Menees discussing Buick City revisons to cash flow model	\$ 155.00	2.30	\$ 356.50
4/7/2010	Patti	Update Buick City cash flow model.	\$ 155.00	1.70	\$ 263.50
4/7/2010	Patti	Run various Buick City cash flow model sensitivities in @risk.	\$ 155.00	0.60	\$ 93.00
4/7/2010	Patti	Run various Willow Run cash flow model sensitivities in @risk.	\$ 155.00	0.50	\$ 77.50
4/7/2010	Twellman	QC Massena revised decision model	\$ 330.00	0.50	\$ 165.00
4/7/2010	Twellman	QC Willow Run revised decision model	\$ 330.00	0.40	\$ 132.00
4/7/2010	Twellman	Replicate Brattle baseline costs for Buick City	\$ 330.00	1.20	\$ 396.00

Service	Staff	Description	Rate	Hours	Amount
4/7/2010	Twellman	update Buick City decision tree model analysis	\$ 330.00	1.80	\$ 594.00
4/8/2010	Hansen	Phone call with Greg Brusseau, D. McMurtry, M. Hashern, S. Gaito re: Willow	\$ 500.00	0.90	\$ 450.00
4/8/2010	Hansen	Review Willow Run discussion document, baseline estimate, decision tree	\$ 500.00	1.30	\$ 650.00
4/8/2010	Hansen	Phone call w/ Region 5 re: Buick City	\$ 500.00	1.30	\$ 650.00
4/8/2010	Hansen	Phone call w/ MLC team re: Buick City	\$ 500.00	1.20	\$ 600.00
4/8/2010	Hansen	Review Buick City presentation	\$ 500.00	0.50	\$ 250.00
4/8/2010	Menees	Teleconference with Arcadis staff re Willow Run issues and cost estimates	\$ 295.00	0.60	\$ 177.00
4/8/2010	Menees	Teleconferences with Claro staff re Willow Run issues, model and cost estimates	\$ 295.00	1.40	\$ 413.00
4/8/2010	Menees	Develop and review proposed changes to Willow Run decision tree and presentation slides	\$ 295.00	0.70	\$ 206.50
4/8/2010	Menees	Followup teleconference with MLC team re Willow Run issues and cost estimates	\$ 295.00	1.90	\$ 560.50
4/8/2010	Menees	Teleconference with MLC team and regulatory agencies re Buick City issues and cost estimates	\$ 295.00	1.30	\$ 354.00
4/8/2010	Menees	Preparation for teleconference with MLC team and regulatory agencies re Buick City issues and cost estimates		0.70	\$ 206.50
4/8/2010	Menees	Teleconference with MLC team re Willow Run issues and cost estimates	\$ 295.00	1.80	\$ 531.00
4/8/2010	Patti	Create Buick City baseline comparison summary.	\$ 155.00	2.90	\$ 449.50
4/8/2010	Twellman	Update Ley Creek decision model and send to Brattle	\$ 330.00	1.20	\$ 396.00
4/8/2010	Twellman	update Buick City decision tree model analysis	\$ 330.00	1.40	\$ 462.00
4/8/2010	Twellman	Call w Arcadis to discuss Ley Creek model	\$ 330.00	0.60	\$ 198.00
4/8/2010	Twellman	update Willow Run decision tree analysis	\$ 330.00	1.30	\$ 429.00
4/8/2010	Twellman	Create package of key differences at Buick City (presentation, tree, model results)	\$ 330.00	1.70	\$ 561.00
4/9/2010	Hansen	Participate in phone call with MLC team on non-owned sites	\$ 500.00	0.80	\$ 400.00
4/9/2010	Hansen	Prepare for/participate in MDNRE phone call re: Willow Run (MLC, EPA, MDNRE, UST,, DOJ, Brattle)	\$ 500.00	1.40	\$ 700.00
4/9/2010	Hansen	Debrief with MLC team on Willow Run	\$ 500.00	0.80	\$ 400.00
4/9/2010	Ко	Update Willow Run Site - Alternative Scenario	\$ 225.00	2.20	\$ 495.00
4/9/2010	Ko	Teleconference with Rob Manees related to Willow Run issues and cost estimates	\$ 225.00	1.30	\$ 292.50
4/9/2010	Menees	Teleconference with MLC team and regulatory agencies re Willow Run issues and cost estimates	\$ 295.00	1.50	\$ 442.50
4/9/2010	Menees	Correspondence with Arcadis staff re Willow Run issues and cost estimates	\$ 295.00	0.60	\$ 177.00
4/9/2010	Menees	Teleconference with Arcadis staff re Willow Run issues and cost estimates	\$ 295.00	0.50	\$ 147.50
4/9/2010	Menees	Correspondence with Claro staff re Willow Run issues and cost estimates	\$ 295.00	1.30	\$ 383.50
4/9/2010	Menees	Teleconferences with Claro staff re Willow Run issues, model and cost estimates	\$ 295.00	2.80	\$ 826.00
4/9/2010	Patti	Run Willow Run cash flow model variations in @risk.	\$ 155.00	0.50	\$ 77.50
4/9/2010	Patti	Update Buick City cash flow model and tree per Steve Gaito's revisions.	\$ 155.00	1.80	\$ 279.00
4/9/2010	Twellman	Update Massena decision tree model	\$ 330.00	1.80	\$ 594.00
4/9/2010	Twellman	Call w R Kapp Arcadis to discuss Massena baseline and decision model inputs	\$ 330.00	0.60	\$ 198.00
4/9/2010	Twellman	Call w Menees/Arcadis to discuss Willow Run changes	\$ 330.00	0.40	\$ 132.00
4/9/2010	Twellman	update Willow Run decision tree analysis	\$ 330.00	1.60	\$ 528.00
4/9/2010	Twellman	Call w Arcadis to discuss Buick City baseline changes	\$ 330.00	0.40	\$ 132.00
4/10/2010	Ко	Continue Updating Willow Run Model - Alternative Scenario	\$ 225.00	1.70	\$ 382.50
4/10/2010	Ко	Teleconference with Rob Manees related to Willow Run issues and cost estimates	\$ 225.00	0.30	\$ 67.50
4/10/2010	Menees	Correspondence with Claro staff re Willow Run issues and cost estimates	\$ 295.00	0.60	\$ 177.00
		Correspondence with Claro start re willow Run issues and cost estimates			
4/10/2010	Menees			0.30	\$ 88.50
4/10/2010	Patti	Revise Buick City cash flow model to reflect up to date baseline.	\$ 155.00	1.60	\$ 248.00
4/10/2010	Patti	Revise Buick City Decision Tree.	\$ 155.00	0.40	\$ 62.00
4/10/2010	Twellman	QC Buick City update cash flows	\$ 330.00	1.10	\$ 363.00
4/11/2010	Forrester	Update Willow Run CF Model and run results.	\$ 175.00	0.80	\$ 140.00
4/11/2010	Menees	Correspondence with Claro staff re Willow Run issues and cost estimates	\$ 295.00	0.40	\$ 118.00

Servic	e Staff	Description		Rate	Hours	1	Amount
4/11/2010	Menees	Teleconferences with Claro staff re Willow Run issues, model and cost estimates	\$	295.00	0.20	\$	59.00
4/11/2010	Patti	Circulate Buick City Decision Tree and QC	\$	155.00	0.20	\$	31.00
4/11/2010	Patti	QC and run Willow Run model in @risk.	\$	155.00	0.80	\$	124.00
4/11/2010	Twellman	QC Buick City update cash flows	\$	330.00	0.80	\$	264.00
4/11/2010	Twellman	QC Willow Run update cash flows	\$	330.00	0.40	\$	132.00
4/11/2010	Twellman	QC Massena update cash flows	\$	330.00	0.60	\$	198.00
4/12/2010	Forrester	Answer Massena question for MLC meeting.	\$	175.00	0.30	\$	52.50
4/12/2010	Hansen	Review EPA Massena analysis	\$	500.00	0.80	\$	400.00
4/12/2010	Hansen	Phone calls with Brattle re: site cost updates; presentation modifications	\$	500.00	1.30	\$	650.00
4/12/2010	Patti	Format Buick City Cash Flow Models	\$	155.00	0.70	\$	108.50
4/13/2010	Hansen	Discussion [billing detail redacted for privilege purposes] with J. Redwine, S. Gaito, T. Goslyn	\$	500.00	0.70	\$	350.00
4/13/2010	Patti	Format cash flow models	\$	155.00	0.70	\$	108.50
4/13/2010	Patti	Organize latest versions of files.	\$	155.00	0.70	\$	108.50
4/13/2010	Twellman	Update Massena CF Model and run results.	\$	330.00	1.60	\$	528.00
4/13/2010	Twellman	Update Willow Run CF Model and run results.	\$	330.00	1.80	\$	594.00
4/13/2010	Twellman	Call with Brattle to discuss their site updates	\$	330.00	0.40	\$	132.00
4/15/2010	Hansen	Discuss documentation of site analysis [biilling detail redacted for privilege purposes]	\$	500.00	0.50	\$	250.00
4/15/2010	Twellman	document site analysis [billing detail redacted for privilege purposes]	\$	330.00	1.20	\$	396.00
4/16/2010	Twellman	document site analysis [billing detail redacted for privilege purposes]	\$	330.00	0.30	\$	99.00
4/20/2010	Hansen	Phone call with J. Redwine, D. McMurtry, D. Berz, S. Gaito [billing detail redacted for privilege purposes]	\$	500.00	1.80	\$	900.00
4/21/2010	Forrester	Create summary results file for all submissions by site.	\$	175.00	1.80	\$	315.00
4/21/2010	Forrester	Begin to put together a backup package.	\$	175.00	0.70	\$	122.50
4/21/2010	Hansen	phone call with J. Redwine, S. Gaito, D. McMurtry [billing detail redacted for privilege purposes]	\$	500.00	1.20	\$	600.00
4/21/2010	Patti	Distribute action requests to GM team regarding time entry/billing.	\$	155.00	0.40	\$	62.00
4/21/2010	Twellman	call with arcadis (billing detail redacted for privilege purposes)	\$	330.00	0.50	\$	165.00
4/22/2010	Forrester	Work on backup package	\$	175.00	0.40	\$	70.00
4/22/2010	Forrester	Work on results summary file.	\$	175.00	0.60	\$	105.00
4/22/2010	Patti	Clean up billing/time entry issues.	\$	155.00	0.60	\$	93.00
4/28/2010	Forrester	Work on Site Summary file.	\$	175.00	1.90	\$	332.50
4/28/2010	Twellman	QC site summary file to document site by site changes	\$	330.00	0.70	\$	231.00
4/29/2010	Patti	Update site summary table of results from November through April.	\$	155.00	0.90	\$	139.50
4/29/2010		QC site summary table of results from inception to date	\$	330.00	1.10	\$	363.00
4/29/2010		Meeting w Claro team to discuss Court results on Fee Examiner recommendations	\$	330.00	0.40	\$	132.00
4/29/2010		Call w Arcadis for clarification on baseline numbers	\$	330.00	0.50	≎ \$	165.00
•	Analysis Total		Ψ	000.00			354,130.75

Site-level D-Tree Cost Analysis 7

Portfolio-level Cost Analysis 02/01/2010 Twellman Update portfolio analysis. [billing detail redacted for privilege purposes] 330.00 1.80 \$ \$ 594.00 02/01/2010 Twellman Review status of site analyses for portfolio w team \$ 330.00 1.00 \$ 330.00 02/02/2010 Twellman Review results w Claro team \$ 330.00 1.00 \$ 330.00 02/03/2010 Twellman Update portfolio analysis. [billing detail redacted for privilege purposes]. 330.00 1.60 \$ 528.00 \$ 02/03/2010 Twellman Review and update [billing detail redacted for privilege purposes] analysis for six sites \$ 330.00 1.40 462.00 \$ \$ 175.00 02/03/2010 Forrester Create/distribute summary table of MLC results (6 sites). 1.30 227.50 \$ 02/04/2010 Twellman Review [billing detail redacted for privilege purposes] 330.00 1.80 594.00 02/04/2010 Twellman Update non-decision tree sites in portfolio analysis. \$ 330.00 1.60 528.00 02/05/2010 Twellman Review and update [billing detail redacted for privilege purposes] analysis for six sites \$ 330.00 1.40 \$ 462.00 02/10/2010 Twellman Update portfolio analysis. [billing detail redacted for privilege purposes] 330.00 1.50 495.00 \$ \$ 02/12/2010 Twellman Update portfolio analysis. [billing detail redacted for privilege purposes] \$ 330.00 2.00 660.00 ¢ 02/16/2010 Twellman Update portfolio analysis. [billing detail redacted for privilege purposes] \$ 330.00 1.50 \$ 495.00

03/26/2010         Twellman         update portfolio analysis for updated decision tree         \$ 330.00         1.40         \$ 462.00           03/29/2010         Twellman         compare EPA and MLC portfolio results         \$ 330.00         1.60         \$ 528.00           03/30/2010         Hansen         Review portfolio analysis         \$ 500.00         1.60         \$ 800.00           03/30/2010         Hansen         Review portfolio sensitivity results for updated         \$ 330.00         1.20         \$ 386.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         2.20         \$ 386.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         2.20         \$ 386.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         2.30         \$ 402.50           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         1.70         \$ 297.50           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         1.70         \$ 297.50           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Run portfolio models <th>Service</th> <th>Staff</th> <th>Description</th> <th>Rate</th> <th>Hours</th> <th>Α</th> <th>mount</th>	Service	Staff	Description	Rate	Hours	Α	mount
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2222001         First-sports [hing dataf reacted for privage proposed]         \$ 1/15.00         1.20         \$ 2/10.00           2222001         Twelman         Update portfold analysis. [hing dataf reducted for privage proposed]         \$ 3300.00         2.07         \$ 2.70           2222001         Twelman         Update portfold analysis. [hing dataf reducted for privage proposed]         \$ 3300.00         2.07         \$ 2.70           2222001         Twelman         update portfold analysis. [hing dataf reducted for privage proposed]         \$ 3300.00         2.01         \$ 4.70           2222001         reades portfold analysis. [hing dataf reducted for privage proposed]         \$ 3300.00         2.01         \$ 4.70           2024001         reades portfold analysis of state.         \$ 300.00         1.30         \$ 4.70           20240201         reades portfold analysis of state.         \$ 300.00         0.40         \$ 1.20           20240201         reades portfold analysis of state.         \$ 300.00         0.40         \$ 1.20           20240201         reades portfold analysis of state.         \$ 300.00         0.40         \$ 1.20           20240201         reades portfold analysis of state.         \$ 300.00         0.40         \$ 1.20           20240201         reades portfold analysis of state.         \$ 300.00							
22242011         Verlinan         Update portfolio analysis. Dilling detail relactive for privatege purposent]         \$ 330.00         0.77         \$ 271.00           02002010         Taximan         Update portfolio analysis. Dilling detail relactive for privatege purposent]         \$ 330.00         1.72         \$ 271.00           02002010         Twelman         Vedates portfolio analysis. Dilling detail relactive for privatege purposent]         \$ 330.00         1.72         \$ 992.00           02002010         France         \$ 300.00         1.82         \$ 994.00           02002010         France         \$ 300.00         1.68         \$ 506.00         1.28         \$ 994.00           030402010         Taximan         existes portfolio analysis of stats         \$ 300.00         1.68         \$ 502.00           030402010         Taximan         existes portfolio analysis of stats         \$ 300.00         0.46         \$ 132.00           030402010         Teximan         existes portfolio analysis of stats         \$ 300.00         0.46         \$ 132.00           030402010         Teximan         existes portfolio analysis of stats         \$ 300.00         0.46         \$ 132.00           03050010         Teximan         existes portfolio analysis of stats         \$ 300.00         0.46         \$ 132.00      <							
2020010         Facilitatio         S         333.00         0.07         S         231.00           03002010         Facilitation         quadre portation instaylise with specified decision trees.         S         333.00         1.40         S         640.00           03002010         Francisco         S         333.00         1.40         S         640.00           03002010         Traditional         enterest practicage by site by site, by region, and by trust         S         333.00         0.40         S         133.00         1.40         S         633.00         1.40         S         633.00         1.40         S							
2020201         Twelman         update portion analysis with updated decision trees.         \$ 330.00         1.40         \$ 540.00           20302010         Twelman         create portion basics by attas. Portion reacts for all satisfies.         \$ 300.00         1.40         \$ 540.00           203020201         Formage         Create portion basics for all satisfies.         \$ 500.00         1.40         \$ 540.00           203042010         Issuess         Review portion bandys of allos         \$ 500.00         1.60         \$ 402.50           203042010         Issuess         Review portion bandys of allos         \$ 300.00         1.60         \$ 250.00           203042010         Issuess         realine report pockage by alls by dath, by regon, and by frust         \$ 300.00         1.60         \$ 120.00           203052010         Twelman         realine report pockage by alls, by dath, by regon, and by frust         \$ 300.00         1.60         \$ 250.00         1.60         \$ 250.00         1.60         \$ 320.00         1.60         \$ 320.00         1.60         \$ 320.00         1.60         \$ 320.00         1.60         \$ 320.00         1.60         \$ 320.00         1.60         \$ 320.00         1.60         \$ 320.00         1.60         \$ 320.00         1.60         \$ 320.00         1.60         \$ 320.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
0000001         Twellman         Freeding of Freeding         \$ 3000         1.00         \$ 694.00           00000010         Formate         \$ 177.00         2.20         \$ 402.50           00000010         Formate         \$ 177.00         2.20         \$ 402.50           00000010         Formate         \$ 300.00         1.00         \$ 600.00           00000010         Formate         \$ 300.00         1.00         \$ 528.00           00000010         Formate         \$ 300.00         0.04         \$ 112.00           00000010         Faultima         Green proprious analysis of alles         0.04         \$ 112.00           00000010         Faultima         Green proprious analysis of alles         1.00         \$ 400.00           00000010         Faultima         Green proprious analysis of alles         \$ 112.00         \$ 300.00         0.04         \$ 112.00           00000010         Faultima         Green proprious analysis of alles         \$ 300.00         0.04         \$ 112.00           000000100         Faultima         Green proprious analysis of alles         \$ 300.00         0.04         \$ 112.00           000000100         Faultima         Green proprious analysis of alles         \$ 300.00         0.04         \$ 112.00							
EXX20201         Forestal         Create 2 rev results tables and organize fiels on C Drive.         \$ 175.00         2.00         \$ 402.00           03042010         Homen         poster porticia analysis of alses         \$ 300.00         1.00         \$ 5660.00           03042010         Twellman         poster porticia analysis of alses         \$ 300.00         0.04         \$ 132.00           03042010         Twellman         ordan report package by site. by state, by region, and by rund         \$ 300.00         0.04         \$ 132.00           03052010         Twellman         ordan report package by site. by state, by region, and by rund         \$ 330.00         0.04         \$ 132.00           03052010         Twellman         ordan report package by site. by state, by region, and by rund         \$ 330.00         1.06         \$ 6466.00           03052010         Twellman         ordan report package by site. by state, by region, and by rund         \$ 330.00         1.06         \$ 568.00           03062010         Twellman         ordan report package by site. by state, by region, and by rund         \$ 330.00         1.06         \$ 568.00           03062010         Twellman         ordan report package by site. by state, by region, and by rund         \$ 330.00         1.06         \$ 528.00           03002010         Twellman         ordan rep							
COUV2010         Farsam         Review particlic analysis with updated decision frees.         \$ 000.00         1.20         \$ 650.00           0.0042010         Twellman         optate port package by site. by sate, by region, and by truit.         \$ 330.00         0.40         \$ 132.00           0.0052010         Twellman         oreate report package by site. by sate, by region, and by truit.         \$ 330.00         0.40         \$ 132.00           0.0052010         Twellman         oreate report package by site. by sate, by region, and by truit.         \$ 330.00         0.40         \$ 132.00           0.0052010         Twellman         oreate report package by site. by sate, by region, and by truit.         \$ 330.00         0.40         \$ 135.00           0.0052010         Twellman         review and update [biling detail relacted for privilege purposed [OM portiols results         \$ 330.00         0.40         \$ 137.00           0.0052010         Twellman         review and update [biling detail relacted for privilege purposed [OM portiols results         \$ 330.00         1.40         \$ 462.00           0.0052010         Twellman         review and update [biling detail relacted for privilege purposed [Dortiol results         \$ 330.00         1.40         \$ 528.00           0.0052010         Twellman         review and update [biling detail relacted for privilege purposed [Dortiol results         \$ 3							
XXXX2010         Twelman         Update portfolio analysis with updated decision teves.         \$ 330.00         1.40         \$ 626.00           XXXX2010         Twelman         create report package by site. by state, by region, and by trust         \$ 330.00         0.40         \$ 132.00           XXXX2010         Twelman         create report package by site, by state, by region, and by trust         \$ 330.00         0.40         \$ 132.00           XXXX2010         Twelman         create report package by site, by state, by region, and by trust         \$ 330.00         0.40         \$ 132.00           XXXX2010         Part         Run Massem and Synacuse models in difficia and update Portfolio Summary.         \$ 135.00         3.10         \$ 4465.00           XXXX2010         Part         Run Massem and Synacuse models in difficia and update Portfolio Summary.         \$ 155.00         3.40         \$ 526.00           XXXX2010         Part         Update Portfolio Summary and set up model for Portfolio nun.         \$ 155.00         3.40         \$ \$ 486.00           XXX2010         Twelman         ipdate portfolio Sentility results to ruphiding dutate indicated tor privilege purposed joortfolio results         \$ 330.00         1.40         \$ 526.00           XXX201001         Twelman         ipdate portfolio Sentility results or rupdated drive models         \$ 330.00         1.40         \$							
02042010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         0.40         \$ 132.00           02052210         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         0.40         \$ 132.00           02052210         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         0.40         \$ 132.00           02052210         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         1.68         \$ 528.00           02052210         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         1.68         \$ 528.00           02052210         Twellman         create report package by site, by region, and by trust         \$ 330.00         1.68         \$ 528.00           02052210         Twellman         create report package by site, by region, and by trust         \$ 330.00         1.60         \$ 528.00           02010210         Twellman         create report package by site, by region, and by trust         \$ 330.00         1.60         \$ 528.00           02010210         Twellman         create report package by site, by region, and by trust         \$ 330.00         1.60         \$ 528.00           02010210			Review portfolio analysis of sites	500.00	1.30	\$	650.00
03/05/2010         Twellman         create report package by site. by region, and by trust         \$ 330.00         0.00         \$ 132.00           03/05/2010         Twellman         create report package by site. by region, and by trust         \$ 330.00         0.40         \$ 132.00           03/05/2010         Past         Run Massena and Synacuse models in Grake and update Portfolo Summary.         \$ 150.00         3.10         \$ 480.50           03/06/2010         Twelman         create report package by site. by region, and by trust         \$ 330.00         0.40         \$ 152.00           03/06/2010         Twelman         create report package by site. by region, and by trust         \$ 330.00         0.40         \$ 152.00           03/06/2010         Past         Update Portfolo Summary and set up model for Portfolo run.         \$ 330.00         1.60         \$ 552.00           03/02/2010         Twelman         review and update for portfolo run.         \$ 330.00         1.60         \$ 528.00           03/02/2010         Twelman         update portfolo sensitive review and update for portfolo results         \$ 330.00         1.60         \$ 528.00           03/02/2010         Twelman         update portfolo sensitive review and update for portfolo results         \$ 330.00         1.60         \$ 528.00           03/01/2010         Twelman	03/04/2010	Twellman	update portfolio analysis with updated decision trees.	\$ 330.00	1.60	\$	528.00
03.05.2010         Twellman         create report package by site, by state, by region, and by fust         \$ 330.00         0.40         \$ 132.00           03.05.2010         Patti         Run Messena and Synacuse models in @ritak and update Portfolio Summary.         \$ 165.00         3.10         \$ 446.56           03.05.2010         Twellman         review and update patiling detail reducted for privilege purposes] O&M portfolio results         \$ 330.00         0.40         \$ 132.00           03.05.2010         Twellman         create report package by site, by state, by region, and by twatt         \$ 330.00         1.60         \$ 658.00           03.06.2010         Patti         Update Portfolio Summary and set up model for Portfolo run.         \$ 155.00         3.00         1.60         \$ 532.00           03.002010         Twellman         review and update poilting detail reducted for privilege purposes] results for updated dree models         \$ 330.00         1.60         \$ 532.00           03.01.2010         Twellman         update portfolio sensitivity results for updated dree models         \$ 330.00         1.60         \$ 532.00           03.01.2010         Twellman         update portfolio sensitivity results for updated dree models         \$ 330.00         1.60         \$ 532.00           03.01.2010         Twellman         update portfolio sensitivity resplon, and by twatt         \$ 3	03/04/2010	Twellman	create report package by site, by state, by region, and by trust	330.00	0.40	\$	132.00
00502010         Pati         Run Massena and Synacuse models in @risk and update Portfolio Summary.         \$ 155.00         3.10         \$ 480.50           030802010         Twelman         review and update [biling detail reducted for privlege purposes] OAM portfolio results         \$ 330.00         1.60         \$ 528.00           030802010         Twelman         oraste report package by site, by state, by region, and by trust         \$ 330.00         1.60         \$ 599.00           030802010         Twelman         review and update [billing detail reducted for privlege purposes] portfolio results         \$ 330.00         1.60         \$ 582.00           030102010         Twelman         review and update [billing detail reducted for privlege purposes] portfolio results         \$ 330.00         1.60         \$ 582.00           03102010         Twelman         review and update portfolio familing a trait models for privlege purposes] portfolio results         \$ 330.00         1.60         \$ 582.00           03102010         Twelman         review report package by site, by region, and by trust         \$ 330.00         1.60         \$ 582.00           03112010         Twelman         review report package by site, by state, by region, and by trust         \$ 330.00         1.60         \$ 582.00           031122010         Twelman         review portfolio analysin for updated         \$ 330.00         <	03/05/2010	Twellman	create report package by site, by state, by region, and by trust	\$ 330.00	0.40	\$	132.00
03062010         Twellman         review and update [biling detail reducted for privilege purposes] CAM portfolio results         \$ 330.00         1.60         \$ 628.00           03062010         Twellman         create report package by site, by stele, by region, and by trust         \$ 330.00         0.40         \$ 112.00           03062010         Pati         Update Portfolio Summary and set up model for Portfolio results         \$ 330.00         1.60         \$ 528.00           0302010         Twellman         review and update [biling detail reducted for privilege purposes] portfolio results         \$ 330.00         1.60         \$ 252.00           02102010         Twellman         create report package by site, by region, and by trust         \$ 330.00         1.60         \$ 252.00           02102010         Twellman         create report package by site, by region, and by trust         \$ 330.00         1.60         \$ 252.00           02112010         Twellman         create report package by site, by region, and by trust         \$ 330.00         1.60         \$ 122.00           02112010         Twellman         create report package by site, by tregion, and by trust         \$ 330.00         1.60         \$ 528.00           02112010         Twellman         create report package by site, by tregion, and by trust         \$ 330.00         1.60         \$ 528.00	03/05/2010	Twellman	create report package by site, by state, by region, and by trust	\$ 330.00	0.40	\$	132.00
03062010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         0.40         \$ 112.00           03062010         Patil         Update Portfolio Summary and set up model for Portfolio run.         \$ 115.00         3.00         \$ 689.00           03062010         Twellman         review and update [biling detail redacted for privilege purposes] portfolio results         \$ 330.00         1.00         \$ 528.00           03/102010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         0.40         \$ 132.00           03/102010         Twellman         create report package by site, by region, and by trust         \$ 330.00         0.40         \$ 132.00           03/112010         Twellman         create report package by site, by region, and by trust         \$ 330.00         0.40         \$ 132.00           03/122010         Twellman         create report package by site, by region, and by trust         \$ 330.00         1.60         \$ 528.00           03/122010         Twellman         create report package by site, by region, and by trust         \$ 330.00         1.60         \$ 528.00           03/122010         Twellman         create report package by site, by region, and by trust         \$ 330.00         1.60         \$ 528.00           03/122010 <td>03/05/2010</td> <td>Patti</td> <td>Run Massena and Syracuse models in @risk and update Portfolio Summary.</td> <td>\$ 155.00</td> <td>3.10</td> <td>\$</td> <td>480.50</td>	03/05/2010	Patti	Run Massena and Syracuse models in @risk and update Portfolio Summary.	\$ 155.00	3.10	\$	480.50
03082010         Patis         Update Portfolio Summary and set up model for Portfolio run.         \$ 155.00         3.80         \$ 689.00           03082010         Twellman         review and update [billing detail redacted for privilege purposes] results for updated dtree models         \$ 330.00         1.60         \$ 528.00           03/02010         Twellman         update portfolio [billing detail redacted for privilege purposes] results for updated dtree models         \$ 330.00         0.40         \$ 120.00           03/102010         Twellman         update portfolio sensibility results for updated dtree models         \$ 330.00         0.40         \$ 132.00           03/112010         Twellman         update portfolio sensibility results for updated dtree models         \$ 330.00         0.40         \$ 132.00           03/112010         Twellman         update portfolio sensibility results for updated dtree models         \$ 330.00         1.60         \$ 282.00           03/122010         Twellman         update portfolio sensibility results for updated         \$ 330.00         1.60         \$ 282.00           03/22010         Twellman         update portfolio sensibility results for updated decision tree         \$ 330.00         1.60         \$ 282.00           03/2202010         Twellman         update portfolio results         \$ 330.00         1.60         \$ 282.00	03/08/2010	Tweliman	review and update [billing detail redacted for privilege purposes] O&M portfolio results	\$ 330.00	1.60	\$	528.00
03002010         Twellman         review and update [billing detail redacted for privilege purposes] portfolio results         \$330.00         1.40         \$554.00           03/102010         Twellman         update portfolio [billing detail redacted for privilege purposes] results for updated dtree models         \$330.00         1.40         \$528.00           03/102010         Twellman         create report package by site, by state, by region, and by trust         \$330.00         1.40         \$528.00           03/112010         Twellman         update portfolio sensitivity results for updated dtree models         \$330.00         1.40         \$528.00           03/112010         Twellman         create report package by site, by region, and by trust         \$330.00         1.40         \$528.00           03/122010         Twellman         create report package by site, by region, and by trust         \$330.00         1.40         \$228.00           03/122010         Twellman         create report package by site, by region, and by trust         \$330.00         1.40         \$132.00           03/122010         Twellman         create report package by site, by region, and by trust         \$330.00         1.40         \$422.00           03/22010         Twellman         create report package by site, by region, and by trust         \$330.00         1.40         \$422.00	03/08/2010	Twellman	create report package by site, by state, by region, and by trust	\$ 330.00	0.40	\$	132.00
02/10/2010         Twellman         update portfolio [tilling detail redacted for privilege purposes] results for updated dree models         \$ 330,00         1.60         \$ 528,00           02/10/2010         Twellman         create report package by site, by region, and by trust         \$ 330,00         0.40         \$ 132,00           03/12/2010         Twellman         update portfolio sensitivity results for updated dree models         \$ 330,00         1.60         \$ 528,00           03/12/2010         Twellman         create report package by site, by region, and by trust         \$ 330,00         1.60         \$ 528,00           03/12/2010         Twellman         create report package by site, by region, and by trust         \$ 330,00         1.60         \$ 528,00           03/12/2010         Twellman         create report package by site, by region, and by trust         \$ 330,00         1.60         \$ 528,00           03/12/2010         Twellman         create report package by site, by region, and by trust         \$ 330,00         1.60         \$ 528,00           03/202010         Twellman         create report package by site, by region, and by trust         \$ 330,00         1.60         \$ 528,00           03/202010         Twellman         create report package by site, by region, and by trust         \$ 330,00         1.60         \$ 528,00           03/20	03/08/2010	Patti	Update Portfolio Summary and set up model for Portfolio run.	\$ 155.00	3.80	\$	589.00
02/10/2010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         1.60         \$ 528.00           02/11/2010         Twellman         update portfolio sensitivity results for updated dree models         \$ 330.00         1.60         \$ 528.00           02/11/2010         Twellman         report package by site, by state, by region, and by trust         \$ 330.00         1.60         \$ 528.00           02/12/2010         Twellman         report package by site, by state, by region, and by trust         \$ 330.00         1.60         \$ 528.00           03/12/2010         Twellman         report package by site, by state, by region, and by trust         \$ 330.00         1.60         \$ 528.00           03/12/2010         Twellman         report package by site, by state, by region, and by trust         \$ 330.00         1.40         \$ 548.00           03/12/2010         Twellman         report package by site, by state, by region, and by trust         \$ 330.00         1.40         \$ 528.00           03/12/2010         Twellman         report package by site, by state, by region, and by trust         \$ 330.00         1.40         \$ 462.00           03/12/2010         Twellman         update portfolio sensitivity results for updated decliain tree         \$ 330.00         1.60         \$ 528.00           03/23/2010	03/09/2010	Twellman	review and update [billing detail redacted for privilege purposes] portfolio results	\$ 330.00	1.80	\$	594.00
03/11/2010         Twellman         update portfolio sensitivity results for updated dtree models         \$ 330.00         1.60         \$ 528.00           03/11/2010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         0.40         \$ 132.00           03/12/2010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         0.40         \$ 132.00           03/12/2010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         0.40         \$ 132.00           03/12/2010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         1.60         \$ 528.00           03/12/2010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         1.60         \$ 549.00           03/25/2010         Twellman         update portfolio analysis for updated decision tree         \$ 330.00         1.60         \$ 528.00           03/26/2010         Twellman         update portfolio analysis         \$ 330.00         1.60         \$ 880.00           03/202010         Twellman         update portfolio analysis         \$ 160         \$ 880.00         \$ 330.00         1.20         \$ 336.00           03/30/20	03/10/2010	Twellman	update portfolio [billing detail redacted for privilege purposes] results for updated dtree models	\$ 330.00	1.60	\$	528.00
03/11/2010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         0.40         \$ 132.00           03/12/2010         Twellman         update portfolio sensitivity results for updated         \$ 330.00         1.60         \$ 528.00           03/12/2010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         0.40         \$ 132.00           03/12/2010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         1.60         \$ 528.00           03/12/2010         Twellman         compare EPA and MLC portfolio results         \$ 330.00         1.40         \$ 462.00           03/22/2010         Twellman         compare EPA and MLC portfolio results         \$ 330.00         1.60         \$ 528.00           03/22/2010         Twellman         compare EPA and MLC portfolio results         \$ 330.00         1.60         \$ 800.00           03/20/2010         Twellman         update portfolio sensitivity results for updated         \$ 330.00         1.60         \$ 800.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00	03/10/2010	Twellman	create report package by site, by state, by region, and by trust	\$ 330.00	0.40	\$	132.00
03/12/2010         Twellman         update portfolio sensitivity results for updated         \$ 330.00         1.60         \$ 528.00           03/12/2010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         0.40         \$ 132.00           03/12/2010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         1.40         \$ 132.00           03/25/2010         Twellman         compare EPA and MLC portfolio results         \$ 330.00         1.40         \$ 462.00           03/26/2010         Twellman         compare EPA and MLC portfolio results         \$ 330.00         1.60         \$ 528.00           03/26/2010         Twellman         compare EPA and MLC portfolio results         \$ 330.00         1.60         \$ 462.00           03/26/2010         Twellman         compare EPA and MLC portfolio results         \$ 330.00         1.60         \$ 800.00           03/30/2010         Fwellman         update portfolio analysis         \$ 500.00         1.60         \$ 800.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         1.20         \$ 385.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         1.80         \$ 315.00	03/11/2010	Twellman	update portfolio sensitivitiy results for updated dtree models	\$ 330.00	1.60	\$	528.00
03/12/2010         Twellman         create report package by site, by state, by region, and by trust         \$ 330.00         0.40         \$ 132.00           03/25/2010         Twellman         compare EPA and MLC portfolio results         \$ 330.00         1.80         \$ 594.00           03/25/2010         Twellman         update portfolio analysis for updated decision tree         \$ 330.00         1.40         \$ 462.00           03/29/2010         Twellman         compare EPA and MLC portfolio results         \$ 330.00         1.60         \$ 528.00           03/30/2010         Twellman         compare EPA and MLC portfolio results         \$ 500.00         1.60         \$ 528.00           03/30/2010         Hansen         Review portfolio analysis         \$ 500.00         1.60         \$ 800.00           03/30/2010         Hansen         Review portfolio results.         \$ 175.00         1.20         \$ 396.00           03/30/2010         Forrester         Rup portfolio results.         \$ 175.00         1.20         \$ 396.00           03/30/2010         Forrester         Rup portfolio results.         \$ 175.00         1.20         \$ 396.00           03/30/2010         Forrester         Rup portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forr	03/11/2010	Twellman	create report package by site, by state, by region, and by trust	\$ 330.00	0.40	\$	132.00
03/25/2010         Twellman         compare EPA and MLC portfolio results         \$ 330.00         1.80         \$ 594.00           03/26/2010         Twellman         update portfolio analysis for updated decision tree         \$ 330.00         1.40         \$ 462.00           03/26/2010         Twellman         compare EPA and MLC portfolio results         \$ 330.00         1.60         \$ 528.00           03/20/2010         Hansen         Review portfolio analysis         \$ 500.00         1.60         \$ 800.00           03/30/2010         Hansen         Review portfolio analysis         \$ 500.00         1.60         \$ 800.00           03/30/2010         Twellman         update portfolio sensitivity results for updated         \$ 330.00         1.20         \$ 386.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         2.20         \$ 386.00           03/30/2010         Forrester         Rup portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Rup portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Rup portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Report	03/12/2010	Twellman	update portfolio sensitivitiy results for updated	\$ 330.00	1.60	\$	528.00
03/26/2010         Twellman         update portfolio analysis for updated decision tree         \$ 330.00         1.40         \$ 462.00           03/29/2010         Twellman         compare EPA and MLC portfolio results         \$ 330.00         1.60         \$ 528.00           03/30/2010         Hansen         Review portfolio analysis         \$ 500.00         1.60         \$ 800.00           03/30/2010         Hansen         Review portfolio sensitivity results for updated         \$ 330.00         1.20         \$ 386.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         2.20         \$ 386.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         2.20         \$ 386.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         2.30         \$ 402.50           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         1.70         \$ 297.50           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         1.70         \$ 297.50           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Run portfolio models <td>03/12/2010</td> <td>Twellman</td> <td>create report package by site, by state, by region, and by trust</td> <td>\$ 330.00</td> <td>0.40</td> <td>\$</td> <td>132.00</td>	03/12/2010	Twellman	create report package by site, by state, by region, and by trust	\$ 330.00	0.40	\$	132.00
03/29/2010         Twellman         compare EPA and MLC portfolio results         \$ 330.00         1.60         \$ 528.00           03/30/2010         Hansen         Review portfolio analysis         \$ 500.00         1.60         \$ 800.00           03/30/2010         Twellman         update portfolio sensitivity results for updated         \$ 330.00         1.20         \$ 396.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         2.20         \$ 385.00           03/30/2010         Forrester         Rup portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Rup portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Rup portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Rup portfolio results.         \$ 175.00         1.70         \$ 297.50           03/30/2010         Forrester         Report portfolio results for updated         \$ 330.00         1.20         \$ 396.00           03/30/2010         Forrester         Create powerpoint slides with portfolio results for meeting presentation.         \$ 175.00         1.80         \$ 316.00           03/31/2010         Twellman <td>03/25/2010</td> <td>Twellman</td> <td>compare EPA and MLC portfolio results</td> <td>\$ 330.00</td> <td>1.80</td> <td>\$</td> <td>594.00</td>	03/25/2010	Twellman	compare EPA and MLC portfolio results	\$ 330.00	1.80	\$	594.00
03/30/2010         Hansen         Review portfolio analysis         \$ 500.00         1.60         \$ 800.00           03/30/2010         Twellman         update portfolio sensitivity results for updated         \$ 330.00         1.20         \$ 396.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         2.20         \$ 386.00           03/30/2010         Forrester         Report portfolio results.         \$ 175.00         2.20         \$ 386.00           03/30/2010         Forrester         Report portfolio results.         \$ 175.00         2.30         \$ 402.50           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Report portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Report portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Report portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Report portfolio results for updated         \$ 330.00         1.20         \$ 396.00           03/31/2010         Twellman         update portfolio results for update	03/26/2010	Twellman	update portfolio analysis for updated decision tree	\$ 330.00	1.40	\$	462.00
03/30/2010         Twellman         update portfolio sensitivity results for updated         \$ 330.00         1.20         \$ 396.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         2.20         \$ 385.00           03/30/2010         Forrester         Report portfolio results.         \$ 175.00         2.20         \$ 385.00           03/30/2010         Forrester         Report portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         2.30         \$ 402.50           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         1.70         \$ 297.50           03/30/2010         Forrester         Report portfolio results for meeting presentation.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Create powerpoint slides with portfolio results for updated         \$ 330.00         1.20         \$ 396.00           03/31/2010         Twellman         update portfolio models         \$ 175.00         1.80         \$ 315.00           03/31/2010         Forrester         Run portfolio models         \$ 175.00         1.20         \$ 396.00           03/31/2010         Forrester	03/29/2010	Twellman	compare EPA and MLC portfolio results	\$ 330.00	1.60	\$	528.00
03/30/2010         Forrester         Run portfolio results.         \$ 175.00         2.20         \$ 385.00           03/30/2010         Forrester         Report portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         2.30         \$ 402.50           03/30/2010         Forrester         Report portfolio results.         \$ 175.00         1.70         \$ 297.50           03/30/2010         Forrester         Create powerpoint slides with portfolio results for meeting presentation.         \$ 175.00         1.80         \$ 316.00           03/31/2010         Twellman         update portfolio sensitivity results for updated         \$ 330.00         1.20         \$ 396.00           03/31/2010         Forrester         Run portfolio models         \$ 175.00         3.80         \$ 665.00           03/31/2010         Forrester         Rup optfolio results.         \$ 175.00         1.70         \$ 297.50           03/31/2010         Forrester         Rup optfolio results.         \$ 175.00         1.80         \$ 140.00           03/31/2010         Forrester         Rup optfol	03/30/2010	Hansen	Review portfolio analysis	\$ 500.00	1.60	\$	800.00
03/30/2010         Forrester         Report portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Run portfolio results.         \$ 175.00         2.30         \$ 402.50           03/30/2010         Forrester         Report portfolio results.         \$ 175.00         1.70         \$ 297.50           03/30/2010         Forrester         Report portfolio results.         \$ 175.00         1.80         \$ 315.00           03/30/2010         Forrester         Report portfolio results.         \$ 175.00         1.80         \$ 297.50           03/30/2010         Forrester         Create powerpoint slides with portfolio results for meeting presentation.         \$ 175.00         1.80         \$ 315.00           03/31/2010         Twellman         update portfolio sensitivity results for updated         \$ 330.00         1.20         \$ 396.00           03/31/2010         Forrester         Run portfolio models         \$ 175.00         3.80         \$ 665.00           03/31/2010         Forrester         Report portfolio results.         \$ 175.00         1.70         \$ 297.50           03/31/2010         Forrester         Report portfolio results.         \$ 175.00         1.70         \$ 297.50           03/31/2010         Forrester	03/30/2010	Twellman	update portfolio sensitivitiy results for updated	\$ 330.00	1.20	\$	396.00
03/30/2010         Forrester         Run portfolio results.         \$         175.00         2.30         \$         402.50           03/30/2010         Forrester         Report portfolio results.         \$         175.00         1.70         \$         297.50           03/30/2010         Forrester         Create powerpoint slides with portfolio results for meeting presentation.         \$         175.00         1.80         \$         315.00           03/31/2010         Twellman         update portfolio sensitivity results for updated         \$         330.00         1.20         \$         396.00           03/31/2010         Forrester         Run portfolio models         \$         175.00         3.80         \$         665.00           03/31/2010         Forrester         Run portfolio results.         \$         175.00         1.70         \$         297.50           03/31/2010         Forrester         Run portfolio results.         \$         175.00         1.70         \$         297.50           03/31/2010         Forrester         Run portfolio results.         \$         175.00         1.70         \$         297.50           03/31/2010         Forrester         Create powerpoint slides.         \$         175.00         0.80         \$	03/30/2010	Forrester	Run portfolio results.	\$ 175.00	2.20	\$	385.00
03/30/2010         Forrester         Report portfolio results.         \$ 175.00         1.70         \$ 297.50           03/30/2010         Forrester         Create powerpoint slides with portfolio results for meeting presentation.         \$ 175.00         1.80         \$ 315.00           03/31/2010         Twellman         update portfolio sensitivity results for updated         \$ 330.00         1.20         \$ 396.00           03/31/2010         Forrester         Run portfolio models         \$ 175.00         3.80         \$ 665.00           03/31/2010         Forrester         Report portfolio results.         \$ 175.00         1.70         \$ 297.50           03/31/2010         Forrester         Run portfolio models         \$ 175.00         3.80         \$ 665.00           03/31/2010         Forrester         Report portfolio results.         \$ 175.00         1.70         \$ 297.50           03/31/2010         Forrester         Run portfolio results.         \$ 175.00         1.80         \$ 140.00           4/5/2010         Forrester         Run portfolio results (2 scenarios) based on modified Willow Run results         \$ 175.00         1.30         \$ 227.50           4/5/2010         Forrester         Put together summary of portfolio results         \$ 175.00         0.70         \$ 122.50	03/30/2010	Forrester	Report portfolio results.	\$ 175.00	1.80	\$	315.00
03/30/2010         Forrester         Create powerpoint slides with portfolio results for meeting presentation.         \$ 175.00         1.80         \$ 315.00           03/31/2010         Twellman         update portfolio sensitivity results for updated         \$ 330.00         1.20         \$ 396.00           03/31/2010         Forrester         Run portfolio models         \$ 175.00         3.80         \$ 665.00           03/31/2010         Forrester         Report portfolio results.         \$ 175.00         1.70         \$ 297.50           03/31/2010         Forrester         Create powerpoint slides.         \$ 175.00         1.70         \$ 297.50           03/31/2010         Forrester         Create powerpoint slides.         \$ 175.00         1.30         \$ 227.50           03/31/2010         Forrester         Run portfolio results.         \$ 175.00         1.30         \$ 227.50           03/31/2010         Forrester         Run portfolio results (2 scenarios) based on modified Willow Run results         \$ 175.00         1.30         \$ 227.50           4/5/2010         Forrester         Put together summary of portfolio results         \$ 175.00         0.70         \$ 122.50	03/30/2010	Forrester	Run portfolio results.	\$ 175.00	2.30	\$	402.50
03/31/2010         Twellman         update portfolio sensitivity results for updated         \$ 330.00         1.20         \$ 396.00           03/31/2010         Forrester         Run portfolio models         \$ 175.00         3.80         \$ 665.00           03/31/2010         Forrester         Report portfolio results.         \$ 175.00         1.70         \$ 297.50           03/31/2010         Forrester         Create powerpoint slides.         \$ 175.00         0.80         \$ 140.00           4/5/2010         Forrester         Run portfolio results (2 scenarios) based on modified Willow Run results         \$ 175.00         1.30         \$ 227.50           4/5/2010         Forrester         Put together summary of portfolio results         \$ 175.00         0.70         \$ 122.50	03/30/2010	Forrester	Report portfolio results.	\$ 175.00	1.70	\$	297.50
03/31/2010         Forrester         Run portfolio models         \$ 175.00         3.80         \$ 665.00           03/31/2010         Forrester         Report portfolio results.         \$ 175.00         1.70         \$ 297.50           03/31/2010         Forrester         Create powerpoint slides.         \$ 175.00         0.80         \$ 140.00           4/5/2010         Forrester         Run portfolio results (2 scenarios) based on modified Willow Run results         \$ 175.00         1.30         \$ 227.50           4/5/2010         Forrester         Put together summary of portfolio results         \$ 175.00         0.70         \$ 122.50	03/30/2010	Forrester	Create powerpoint slides with portfolio results for meeting presentation.	\$ 175.00	1.80	\$	315.00
03/31/2010         Forrester         Report portfolio results.         \$         175.00         1.70         \$         297.50           03/31/2010         Forrester         Create powerpoint slides.         \$         175.00         0.80         \$         140.00           4/5/2010         Forrester         Run portfolio results (2 scenarios) based on modified Willow Run results         \$         175.00         1.30         \$         227.50           4/5/2010         Forrester         Put together summary of portfolio results         \$         175.00         0.70         \$         122.50	03/31/2010	Twellman	update portfolio sensitivitiy results for updated	\$ 330.00	1.20	\$	396.00
03/31/2010         Forrester         Create powerpoint slides.         \$ 175.00         0.80         \$ 140.00           4/5/2010         Forrester         Run portfolio results (2 scenarios) based on modified Willow Run results         \$ 175.00         1.30         \$ 227.50           4/5/2010         Forrester         Put together summary of portfolio results         \$ 175.00         0.70         \$ 122.50	03/31/2010	Forrester	Run portfolio models	\$ 175.00	3.80	\$	665.00
03/31/2010         Forrester         Create powerpoint slides.         \$ 175.00         0.80         \$ 140.00           4/5/2010         Forrester         Run portfolio results (2 scenarios) based on modified Willow Run results         \$ 175.00         1.30         \$ 227.50           4/5/2010         Forrester         Put together summary of portfolio results         \$ 175.00         0.70         \$ 122.50			Report portfolio results.	\$			297.50
4/5/2010         Forrester         Run portfolio results (2 scenarios) based on modified Willow Run results         \$ 175.00         1.30         \$ 227.50           4/5/2010         Forrester         Put together summary of portfolio results         \$ 175.00         0.70         \$ 122.50			Create powerpoint slides.				
4/5/2010 Forrester Put together summary of portfolio results \$ 175.00 0.70 \$ 122.50							
1% 500.001 0.801% 200.00	4/5/2010	Hansen	Review cushion analysis	\$ 500.00	0.80	\$	400.00

	Service	Staff	Description	Rate	Hours	Ar	mount
	4/5/2010	Hansen	Review portfolio analysis approach and discuss with McMurtry	\$ 500.00	1.80	\$	900.00
	4/5/2010	Twellman	Rerun portfolio for O&M only site analysis.	\$ 330.00	2.10	\$	693.00
	4/5/2010	Twellman	Run update portfolio results to calculate cushion.	\$ 330.00	2.20	\$	726.00
	4/6/2010	Forrester	Run (billing detail redacted for privilege purposes) portfolio results.	\$ 175.00	3.10	\$	542.50
	4/6/2010	Forrester	Run [billing detail redacted for privilege purposes] portfolio results.	\$ 175.00	2.80	\$	490.00
	4/6/2010	Forrester	Report all results, create PP slide.	\$ 175.00	0.40	\$	70.00
	4/6/2010	Hansen	Phone call on portfolio analysis w/ D. McMurtry	\$ 500.00	0.60	\$	300.00
	4/6/2010	Hansen	Discuss portfolio analysis with B. Twellman	\$ 500.00	0.40	\$	200.00
	4/6/2010	Hansen	Review portfolio analysis	\$ 500.00	1.10	\$	550.00
	4/6/2010	Twellman	Call w Arcadis to discuss WR and Massena portfolio impact	\$ 330.00	0.60	\$	198.00
	4/6/2010	Twellman	Update portfolio analysis for Massena and Willow Run revisions	\$ 330.00	2.10	\$	693.00
	4/7/2010	Forrester	Run portfolio results [billing detail redacted for privilege purposes]	\$ 175.00	2.30	\$	402.50
	4/7/2010	Forrester	Create portfolio result [billing detail redacted for privilege purposes].	\$ 175.00	4.00	\$	700.00
	4/7/2010	Forrester	Report results, create powerpoint slides.	\$ 175.00	1.30	\$	227.50
	4/7/2010	Forrester	Run portfolio results [billing detail redacted for privilege purposes]	\$ 175.00	1.60	\$	280.00
	4/7/2010	Hansen	Develop [billing detail redacted for privilege purposes] analysis summary template	\$ 500.00	0.60	\$	300.00
	4/7/2010	Hansen	Portfolio analysis review	\$ 500.00	0.50	\$	250.00
	4/7/2010	Twellman	Update [billing detail redacted for privilege purposes] anlaysis template	\$ 330.00	0.80	\$	264.00
	4/7/2010	Twellman	Run portfolio results using Brattle assumptions	\$ 330.00	1.30	\$	429.00
	4/7/2010	Twellman	Run [billing detail redacted for privilege purposes]	\$ 330.00	1.40	\$	462.00
	4/8/2010	Hansen	Portfolio analysis review	\$ 500.00	0.60	\$	300.00
	4/8/2010	Twellman	update portfolio analysis for Buick City and Willow Run revisions	\$ 330.00	1.80	\$	594.00
	4/9/2010	Forrester	Set up new portfolio run.	\$ 175.00	0.90	\$	157.50
	4/9/2010	Hansen	Review portfolio analyses	\$ 500.00	1.30	\$	650.00
	4/9/2010	Twellman	Rerun portfolio for updated WR, BC, Massena analyses	\$ 330.00	2.10	\$	693.00
	4/10/2010	Forrester	Run new portfolio results (all scenarios, old rates).	\$ 175.00	3.70	\$	647.50
	4/10/2010	Forrester	Report portfolio results.	\$ 175.00	0.60	\$	105.00
	4/10/2010	Hansen	Review portfolio analysis	\$ 500.00	0.80	\$	400.00
	4/10/2010	Twellman	Rerun portfolio for updated WR, BC, Massena analyses	\$ 330.00	1.40	\$	462.00
	4/11/2010	Forrester	Run new portfolio results file based on updated Willow Run.	\$ 175.00	1.80	\$	315.00
	4/11/2010	Hansen	Work with B. Twellman, R. Menees re: [billing detail redacted for privilege purposes] analysis for portfolio results	\$ 500.00	1.30	\$	650.00
	4/12/2010	Twellman	Portfolio [billing detail redacted for privilege purposes] analysis	\$ 330.00	1.70	\$	561.00
	4/12/2010	Twellman	review Massena EPA analysis	\$ 330.00	1.40	\$	462.00
	4/13/2010	Forrester	Answer portfolio/cushion questions for MLC meeting.	\$ 175.00	2.00	\$	350.00
	5/23/2010	Hansen	respond to email from D. Berz re: description of decision tree and portfolio approach	\$ 500.00	0.30	\$	150.00
Portfolio-lev	el Cost Analy	sis Total			149.90	\$	41,111.50

iscounted Cash Flow C	ost Analysi	S			
02/10/2010	Hansen	Review NPV cash flow analysis w/ B. Twellman	\$ 500.00	0.20	\$ 100.00
02/11/2010	Krock	Research current rates and updated rate comparison tables & charts.	\$ 395.00	2.30	\$ 908.50
02/11/2010	Twellman	Update Treasury and Inflation assumtions in discounted cash flow analysis.	\$ 330.00	1.50	\$ 495.00
02/15/2010	Patti	Update laddered rates with current CBO inflation and treasury rates.	\$ 155.00	1.10	\$ 170.50
02/18/2010	Patti	Update laddered rates file for cash flow models.	\$ 155.00	0.90	\$ 139.50
03/15/2010	Krock	Review questions regarding discount rate calculations.	\$ 395.00	1.25	\$ 493.75
03/15/2010	Twellman	update laddered rates and inflation assumptions in cash flow tool	\$ 330.00	1.80	\$ 594.00
03/15/2010	Twellman	create and send to Arcadis S Gaito schedule of revised compounding inflation	\$ 330.00	0.20	\$ 66.00
03/16/2010	Twellman	call to discuss revised compounding inflation assumptions	\$ 330.00	0.60	\$ 198.00
03/16/2010	Twellman	call to discuss updated laddered rates and inflation assumptions	\$ 330.00	1.40	\$ 462.00
03/16/2010	Forrester	Update 6 sites based on revised inflation rates.	\$ 175.00	1.30	\$ 227.50

Service	Staff	Description	Rate	Hours	Amount
03/16/2010	Patti	Update four decision tree cash flow models with adjusted revised inflation factor.	\$ 155.00	1.60	\$ 248.00
03/19/2010	Forrester	Update all sites for revised inflation.	\$ 175.00	3.80	\$ 665.00
03/23/2010	Twellman	create graphs depicting real discount rate for aggregated cash flows	\$ 330.00	0.30	\$ 99.00
03/23/2010	Twellman	update laddered rates and inflation assumptions in cash flow tool	\$ 330.00	0.70	\$ 231.00
4/6/2010	Hansen	Review UST rates and inflation	\$ 500.00	0.60	\$ 300.00
4/6/2010	Twellman	Update inflation rates and discounting and monitor impact to portfolio	\$ 330.00	1.10	\$ 363.00
4/7/2010	Hansen	Initiate updating cash flow tool for additional [billing detail redacted for privilege purposes] analysis	\$ 500.00	0.40	\$ 200.00
4/7/2010	Twellman	Update inflation rates and discounting and monitor impact to portfolio	\$ 330.00	0.60	\$ 198.00
4/26/2010	Krock	Researched and updated inflation projections.	\$ 395.00	2.40	\$ 948.00
4/26/2010	Twellman	Update inflation rates and discounting and monitor impact to portfolio	\$ 330.00	0.60	\$ 198.00
4/27/2010	Krock	Updated inflation projections.	\$ 395.00	1.70	\$ 671.50
4/28/2010	Twellman	Update inflation rates and discounting and monitor impact to portfolio	\$ 330.00	0.80	\$ 264.00
5/22/2010	Hansen	review and respond to email from D. McMurtry re: description of discounting/inflation for time value of money	\$ 500.00	0.20	\$ 100.00
5/23/2010	Hansen	review and respond to email from D. McMurtry re: description of discounting/inflation for time value of money	\$ 500.00	0.20	\$ 100.00
l Cash Flow C	ost Analysi	s Total		27.55	\$ 8,440.25

Insurance Analysis/Pres	entations C	ost Analysis	-			
02/01/2010	Gennity	Edit MLC model diagram for presentation	\$	175.00	0.50	\$ 87.50
02/01/2010	Patti	Update slide for Environmental Cost Tracking	\$	155.00	1.10	\$ 170.50
02/03/2010	Hansen	Phone call with Scott Haeger (Alix), and R. Mishkin, J. Parsons (Claro) re: tracking mechanism research for Insurance erosion	\$	500.00	0.60	\$ 300.00
Insurance Analysis/Pres	entations C	ost Analysis Total			2.20	\$ 558.00

ns/Communie	cations with	Stakeholders Cost Analysis	-		1	_	
02/02/2010	Hansen	Comments on UST update presentation for D. McMurtry	\$	500.00	1.40	\$	
02/02/2010	Hansen	Phone call with Brattle/D. McMurtry and follow call with Brattle	\$	500.00	0.30	\$	
02/04/2010	Hansen	Develop potential Trust Structure/governance thoughts	\$	500.00	2.10	\$	
02/08/2010	Hansen	Develop flowchart for Trust Fund cash management	\$	500.00	0.80	\$	
02/09/2010	Hansen	Develop flowchart for Trust Fund cash management	\$	500.00	4.20	\$	
02/09/2010	Hansen	Prepare for and phone call re: MLC discussions with Government, general update (D. Berz, J. Redwine, D. McMurtry, P. Barnett, Arcadis)	\$	500.00	2.80	\$	
02/12/2010	Hansen	Phone call with G. Koch, D. McMurtry, S. Gaito, A. Rothchild	\$	500.00	1.20	\$	
02/16/2010	Hansen	Phone call with D. McMurtry, Greg Brusseau, Arcadis	\$	500.00	0.80	\$	
02/16/2010	Twellman	Update Brattle presentation	\$	330.00	1.50	\$	
02/16/2010	Hansen	Preparation for phone call with D. McMurtry, Greg Brusseau, Arcadis	\$	500.00	0.30	\$	
02/17/2010	Hansen	Develop summary presentation template for meeting with Government consultants	\$	500.00	2.30	\$	
02/17/2010	Twellman	Update presentation for Brattle	\$	330.00	1.20	\$	
02/18/2010	Hansen	Develop summary presentation for meeting w Govt consultants	\$	500.00	6.40	\$	
02/18/2010	Twellman	Update presentation for Brattle	\$	330.00	2.00	\$	
02/19/2010	Hansen	Review/revise presentation and backup documentation for meeting with Govt consultants	\$	500.00	5.60	\$	
02/19/2010	Twellman	Update presentation for Brattle and presentation for M. Dowd (UST)	\$	330.00	1.50	\$	
02/22/2010	Hansen	Phone calls with D. McMurtry re: presentation/preparation for meeting with Govt consultants	\$	500.00	0.50	\$	
02/22/2010	Hansen	Phone call with Gayle Koch re: meeting goal / logistics	\$	500.00	0.20	\$	

	Service	Staff	Description		Rate	Hours	A	mount
	02/22/2010	Hansen	Review, revisions and quality control re: presentation with Govt consultants (Brattle)	\$	500.00	2.90	\$	1,450.00
	02/22/2010	Hansen	Quality control review of numbers in presentaion	\$	500.00	2.40	\$	1,200.00
	02/22/2010	Hansen	Phone calls with B. Twellman re: revisions to presentation	\$	500.00	1.20	\$	600.00
	02/22/2010	Hansen	Phone calls with D. McMurtry/Gaito re: presentation with Government consultants	\$	500.00	2.20	\$	1,100.00
	02/22/2010	Hansen	Review, revisions re: presentation to Alix Management and creditor representatives on same	\$	500.00	0.60	\$	300.00
	02/22/2010	Twellman	Update presentation for Brattle and presentation for M. Dowd (UST)	\$	330.00	1.50	\$	495.00
	02/23/2010	Hansen	Phone call with Berz, Redwine, McMurtry, Gaito re: status of analysis for Brattle meeting	\$	500.00	1.10	\$	550.00
	02/23/2010	Hansen	Review and comment on presentation summarizing analyses	\$	500.00	3.10	\$	1,550.00
	02/23/2010	Hansen	Phone calls with B. Twellman re: presentation/site costs and duration analysis	\$	500.00	1.20	\$	600.00
	02/23/2010	Hansen	Phone calls with S. Gaito re: presentation and site costs	\$	500.00	2.10	\$	1,050.00
	02/23/2010	Twellman	Update presentation for Brattle and presentation for M. Dowd (UST)	\$	330.00	1.50	\$	495.00
	02/23/2010	Twellman	calls w GGH to prep for Brattle meeting	\$	330.00	1.10	\$	363.00
	02/24/2010	Hansen	Prepare for meeting with Brattle group (Redwine, McMurtry, Arcadis)	\$	500.00	2.20	\$	1,100.00
	02/24/2010	Hansen	Meet with Brattle Group (Redwine partial, McMurtry, Arcadis, Brattle) in Brattle Cambridge offices	\$	500.00	6.30	\$	3,150.00
	02/24/2010	Twellman	Update presentation for Brattle and presentation for M. Dowd (UST)	\$	330.00	0.50	\$	165.00
	02/26/2010	Hansen	Phone call with M. Dowd (UST) and J. Redwine, D. McMurtry, reviewing Brattle presentation	\$	500.00	2.10	\$	1,050.00
	02/26/2010	Hansen	Phone call with M. Dowd (UST) and J. Redwine, D. McMurtry, reviewing Brattle presentation (continuation after break)	\$	500.00	2.10	\$	1,050.00
	02/27/2010	Hansen	Revisions to Brattle presentation	\$	500.00	1.40	\$	700.00
	02/27/2010	Hansen	Develop presentation on decision tree approach methodology for UST	\$	500.00	2.20	\$	1,100.00
	03/04/2010	Hansen	Participate in MDEQ phone call/meeting	\$	500.00	1.20	\$	600.00
	03/04/2010	Twellman	Participate in part of MDEQ phone call/meeting	\$	330.00	0.50	\$	165.00
	03/05/2010	Hansen	Region 5 call	\$	500.00	1.60	\$	800.00
	03/12/2010	Hansen	Phone call with UST (M. Dowd), D. McMurtry, J. Redwine	\$	500.00	1.10	\$	550.00
	03/12/2010	Hansen	2nd Phone call with UST (M. Dowd), D. McMurtry, J. Redwine	\$	500.00	1.30	\$	650.00
	03/16/2010	Hansen	Syracuse Conference Call (Redwine, Berz, McMurtry, Barnett, Arcadis, NY AG, NYDHES, EPA, DOJ, UST)	\$	500.00	4.20	\$	2,100.00
	03/24/2010	Hansen	Communications with Brattle Group	\$	500.00	0.40	\$	200.00
	03/25/2010	Hansen	Buick City conference call with EPA (Redwine, Berz, McMurtry, Hashem, Arcadis, EPA, Brattle, DOJ, UST)	\$	500.00	1.40	\$	700.00
	03/29/2010	Hansen	Phone call with G. Koch, Brattle and D. McMurtry	\$	500.00	1.40	\$	700.00
	03/31/2010	Hansen	Review/revise materials for meeting with Brattle/DOJ/UST	\$	500.00	2.30	\$	1,150.00
	03/31/2010	Twellman	update presentation slides related to decision tree analysis for Treasury and Brattle/DOJ meeting	\$	330.00	1.70	\$	561.00
	4/1/2010	Hansen	Prepare for meeting with Brattle Group, DOJ (Casey), UST (Bloom) in Cambridge, MA	\$	500.00	1.10	\$	550.00
	4/1/2010	Hansen	Meet with Brattle Group, DOJ (Casey), UST (Bloom) in Cambridge, MA re: difference in site	\$	500.00	5.50	\$	2,750.00
	4/9/2010	Hansen	Prepare for and phone call with M. Dowd, Brattle, J. Redwine, D. McMurtry re: 4/13 presentation	\$	500.00	1.30	\$	650.00
	4/9/2010	Twellman	Help DMcMurtry/Brownfields prepare slides for meeting.	\$	330.00	1.10	\$	363.00
	4/10/2010	Hansen	Prepare and phone call with G. Brusseau, D. McMurtry, S. Gaito re: baseline cost updates	\$	500.00	0.90	\$	450.00
	4/10/2010	Twellman	Help DMcMurtry/Brownfields prepare slides for meeting.	\$	330.00	1.50	\$	495.00
	4/11/2010	Hansen	Phone call with J. Redwine, T. Stenger, D. McMurtry, S. Gaito, D. Berz re: 4/13 presentation	\$	500.00	2.50	\$	1,250.00
	4/11/2010	Twellman	Help DMcMurtry/Brownfields prepare slides for meeting.	\$	330.00	1.20	\$	396.00
	4/11/2010	Hansen	Phone call with G. Brusseau, G. Koch, D. McMurtry, S. Gaito re: site status, 4/13 presentation	\$	500.00	1.10		550.00
	4/12/2010	Hansen	Meet with MLC team (Berz, Redwine, Stenger, Gaito, McMurtry) re: preparation for 4/13 presentation	\$	500.00	8.20		4,100.00
	4/12/2010	Twellman	Help DMcMurtry/Brownfields prepare slides for meeting.	\$	330.00	0.20		66.00
	4/13/2010	Hansen	Meeting in DC with UST, DOJ, EPA, Brattle, MLC	\$	500.00	3.10		1,550.00
	4/13/2010	Twellman	Call w G. Hansen RE: presentation details	\$	330.00	0.20		66.00
Presentation			Stakeholders Cost Analysis Total	•		117.80		55,976.00

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Service	Staff	Description	Rate	Hours	Amoun
nmittee & Pr	oject Manag	yement Cost Analysis			
02/04/2010	Hansen	Phone call with Redwine, McMurtry, Hashem, Hare, McBurney re: UST meeting and follow-up tasks	\$ 500.00	0.80	\$ 400
02/10/2010	Hansen	Review list of open items for follow-up	\$ 500.00	0.10	\$ 50
02/10/2010	Hansen	Phone call with D. McMurtry re: open items	\$ 500.00	0.20	\$ 100
02/10/2010	Hansen	Phone call on open items with McMurtry, Arcadis	\$ 500.00	0.60	\$ 300
02/11/2010	Twellman	Review w Claro team site modeling status.	\$ 330.00	0.20	\$ 66
02/11/2010	Twellman	Model structure and format review w team	\$ 330.00	0.80	\$ 264
02/12/2010	Hansen	Phone call with D. McMurtry, S. Gait, A. Rothchild	\$ 500.00	0.60	\$ 300
02/15/2010	Twellman	Email correspondence with MLC team D. McMurtry, S. Gait, A. Rothchild re prep for Brattle call	\$ 330.00	0.50	\$ 165
02/16/2010	Hansen	Communications with B. Twellman re: tasks	\$ 500.00	0.30	\$ 150
02/17/2010	Twellman	Update decision analysis summaries for MLC team GGH, D McMurtry, J Redwine, S Gaito	\$ 330.00	0.50	\$ 165
02/18/2010	Hansen	Phone discussion with D. Berz, D. McMurtry	\$ 500.00	0.50	\$ 250
02/18/2010	Hansen	Review analysis results and QC analyses/results	\$ 500.00	2.40	\$ 1,200
02/23/2010	Killian	discussion w Twellman re methodologies	\$ 450.00	0.30	\$ 135
02/23/2010	Twellman	Create template for Agency cost calculation by year by site	\$ 330.00	1.20	\$ 396
02/23/2010	Twellman	discussion w Claro modeling team re agency cost methodologies	\$ 330.00	0.80	\$ 264
02/25/2010	Hansen	Meeting with Arcadis, Redwine, McMurtry discussing follow-up items from Brattle meeting	\$ 500.00	2.30	\$ 1,150
02/25/2010		Review open task issues and plan subsequent work	\$ 500.00	1.40	\$ 700
02/25/2010		Phone call with B. Twellman re: next steps, tasks	\$ 500.00	0.80	\$ 400
02/25/2010		Phone calls with D. McMurtry, J. Redwine re: UST requests	\$ 500.00	1.20	\$ 600
02/25/2010		Phone call with G.Hansen re: next steps, tasks	\$ 330.00	0.80	\$ 264
02/25/2010		discuss follow-up items from Brattle meeting w Claro team	\$ 330.00	0.90	\$ 297
02/25/2010		Create and communicate to Claro modeling team the QC process for site review before sending site models and supporting schedules to Brattle	\$ 330.00	1.30	
02/26/2010		Prepare for phone call with M. Dowd w/ J. Redwine, D. McMurtry, D. Berz	\$ 500.00	0.80	\$ 400
02/26/2010		Phone call debriefing and tasking	\$ 500.00	1.20	\$ 600
02/26/2010		Phone call debriefing and tasking w Claro team	\$ 330.00	1.50	\$ 495
02/26/2010		Prepare for phone call with M. Dowd	\$ 330.00	0.80	\$ 264
03/01/2010		Phone call with D. McMurtry/J. Redwine re: prep. for Alix meeting with UST	\$ 500.00	1.10	\$ 550
03/02/2010	Hansen	Phone call with D. McMurtry, J. Redwine re: schedule and tasks	\$ 500.00	1.20	\$ 600
03/03/2010		Prepare for meeting with EPA with P. Barnett, R. Kapp	\$ 500.00	0.80	\$ 400
03/03/2010		De-brief of meeting with EPA with J. Redwine, D. Berz, D. McMurtry, Pam Barnett	\$ 500.00	0.70	\$ 350
03/04/2010		Discuss EPA meeting and new tasks w Claro modeling team	\$ 330.00	1.00	
03/05/2010		Prepare for call with Region 5	\$ 500.00	1.10	\$ 550
03/05/2010		Phone call w/ D. McMurtry, P. Barnett, Arcadis re: follow-up on Massena/Syracuse	\$ 500.00	1.30	\$ 650
03/05/2010		Phone call with J. Redwine, D. McMurtry, P. Barnett re: tasking/scheduling	\$ 500.00	1.20	\$ 600
03/09/2010		Review tasks for team and prioritize for team	\$ 500.00	1.20	\$ 600
03/09/2010		meeting w Claro to review outstanding tasks to update decision trees and models	\$ 330.00	1.50	\$ 495
03/10/2010		call w/ ARCADIS S Gaito to review status on dtree models	\$ 330.00	1.00	\$ 330
03/12/2010		Prepare for phone call with UST (M. Dowd) with J. Redwine, D. McMurtry	\$ 500.00	0.90	\$ 450
03/12/2010		De-brief with D. McMurtry	\$ 500.00	0.50	\$ 250
03/12/2010		Review tasks with B. Twellman	\$ 500.00	1.60	\$ 800
03/29/2010		Phone call with McMurtry re: ongoing tasks	\$ 500.00	0.40	\$ 200
03/29/2010		Phone call with D. McMurtry, J. Redwine	\$ 500.00	0.40	\$ 200
03/29/2010		Phone call with D. McMurtry, J. Redwine	\$ 330.00	0.30	\$ 99
03/31/2010		call to discuss slides for presentation	\$ 330.00	1.30	\$ 429
4/1/2010	Hansen	Review open issues post-meeting	\$ 500.00	1.30	\$ 650
4/2/2010	Hansen	De-brief on Cambridge (Brattle) meeting with B. Twellman and discussion of follow-up items	\$ 500.00	1.20	\$ 600
4/5/2010	Hansen	Identify next steps/tasks, communication with D. McMurtry/B. Twellman	\$ 500.00	0.60	\$ 300

Servio	e Staff	Description	Rate	Hours	A	Amount
4/5/2010	Killian	Project management, w Menees	\$ 450.00	0.60	\$	270.00
4/10/201	) Hansen	Phone call with J. Redwine, D. McMurtry, S. Gaito re: preparations for meeting with UST et. al.	\$ 500.00	1.60	\$	800.00
4/11/201	) Hansen	Phone call w/ Redwine, Berz, Gaito, McMurtry re: prep for 4/13 meeting	\$ 500.00	1.20	\$	600.00
4/13/201	) Hansen	Meet with D. McMurtry, S. Gaito, J. Redwine to prepare for UST/DOJ meeting, including revisions to presentation	\$ 500.00	5.20	\$	2,600.00
4/14/201	) Hansen	Phone call with Alix Partners, D. McMurtry, Arcadis re: debrief on UST, DOJ	\$ 500.00	0.80	\$	400.00
4/15/201	) Hansen	Phone call with Redwine, McMurtry, Gaito re: follow-up items including non-owned sites	\$ 500.00	1.20	\$	600.00
4/20/201	) Hansen	Phone call with S. Gaito re: MLC requests	\$ 500.00	0.10	\$	50.00
4/20/201	) Hansen	Discuss MLC requests with B. Twellman	\$ 500.00	0.10	\$	50.00
4/20/201	) Killian	Staff discussion re quality control, best practices	\$ 450.00	0.40	\$	180.00
4/20/201	) Twellman	Discuss MLC requests with G Hansen	\$ 330.00	0.10	\$	33.00
5/14/201	) Killian	Reviewing and approving budget estimate	\$ 450.00	0.40	\$	180.00
Steering Committee &	Project Mana	gement Cost Analysis Total		56.30	\$	25,600.00

Fee Application & Other Job Administration Cost Analysis 02/09/2010 Killian fee application issue; project management 450.00 0.40 180.00 02/12/2010 Ko Organize sharedrive for Updated D-tree Sites, Brattle Replication and Insurance Analysis 225.00 1.70 382.50 ¢ 02/22/2010 Killian Call w/ Brian Carl re approval for fees 450.00 0.20 90.00 03/04/2010 Twellman review billing issues raised by Fee Examiner and prepare draft response 330.00 0.25 82.50 03/05/2010 Killian Job admin, w/ Deems re Application 450.00 0.40 180.00 prepare letter in response to request by counsel for Fee Examiner 03/08/2010 Deems 500.00 1.00 500.00 03/08/2010 eview correspondence from Godfrey & Kahn pertaining to fee questions; review retention agreement and retention order 500.00 0.70 350.00 Deems finalize letter to counsel for Fee Examiner, including review of executed retention agreement and February 2010 budget 03/09/2010 Deems rovided to Fee Examiner 500.00 0.50 250.00 03/09/2010 reate and update Feb 2010 budget for Fee Examiner 330.00 1.00 330.00 03/09/2010 Mora Assist with job fee set up letter for Carla O. Andres at Godfrey & Kahn, S.C. 110.00 0.75 82.50 \$ 03/12/2010 Killian Job admin, budget estimates, reviewing invoice for accuracy/QA 450.00 0.70 315.00 450.00 0.40 03/15/2010 Killian Job admin, budget estimates, reviewing invoice for accuracy/QA s 180.00 Prepare Second Fee Application and exhibits, including supporting declaration of Douglas Deems; revise and finalize 3/16/2010 Deems 500.00 1,250.00 2.50 03/16/2010 Killian 2nd fee application review 450.00 0.60 270.00 Update prior time charges with new service codes as requested 03/16/2010 Menees 295.00 0.80 236.00 03/16/2010 Spinks Assist Marjorie Chambers with assigning time entries to proper service codes 285.00 0.50 142.50 110.00 03/16/2010 2nd Interim fee application preparation 4.00 440.00 Chamber 03/16/2010 Mora Edited document for fee application due 3/16/10. 110.00 1.50 165.00 review issues associated with filing fee application; QC and finalize second interim fee application and related 3/17/2010 attachments 500.00 1.50 750.00 Deems 0.30 03/17/2010 Killian 2nd fee application review 450.00 135.00 2.00 03/17/2010 Twellman draft language for 2nd fee application and Fee Examiner questions 330.00 660.00 03/17/2010 Chambers 2nd Interim fee application preparation \$ 110.00 3.00 330.00 03/17/2010 Mora Assisted with 2nd fee application 110.00 2.00 220.00 03/24/2010 Twellman eview draft of Feb time and expenses 330.00 1.00 330.00 03/30/2010 Killian Project management, BT discussion 450.00 0.40 180.00 \$ 03/30/2010 Twellman discuss outstanding project issues w KLK 330.00 0.40 132.00 Review February/March administrative (billings, time) 0.80 4/2/2010 500.00 400.00 Hansen \$ \$ 4/12/2010 Hansen Fee application (review monthly billing/budget) 500.00 0.50 250.00 4/12/2010 Killian Reviewing billings, job administration ¢ 450.00 0.40 180.00 4/12/2010 Prepare monthly billing/budget 0.70 Twellman 330.00 231.00 4/13/2010 Killian Fee application, budget estimate, invoicing 450.00 0.60 270.00 4/15/2010 Deems review correspondence from Fee Examiner's counsel; high level review of Claro Report 500.00 0.50 250.00 4/15/2010 review correspondence from Fee Examiner 330.00 0.80 Twellman 264.00 4/16/2010 review Report of Fee Examiner and prepare email re same ¢ 500.00 0.20 100.00 Deems

500.00

\$

0.20

100.00

4/16/2010 Deems

conf with Tony Muzzin re Fee Examiner Report

	Service	Staff	Description		Rate	Hours	Amount
4	/16/2010	Killian	Reviewing and preparing response to fee application objections	\$	450.00	1.30	\$ 585.00
Γ	/16/2010	Twellman	prepare schedules for Fee examiner review	\$	330.00	1.30	\$ 429.00
Γ	/16/2010	Twellman	review Report of Fee Examiner	\$	330.00	0.40	\$ 132.00
	/19/2010	Deems	conf Steve Karotkin and Joe Smolinsky of Weil re Fee Examiner Report, reply and approval process	\$	500.00	0.40	\$ 200.00
Γ	/19/2010	Deems	conf call with G Hansen and B Twellman re Fee Examiner's Draft Report and response to same	\$	500.00	0.70	\$ 350.00
4	/19/2010	Deems	review Fee Examiner's Draft Report in preparation for conference call re same	\$	500.00	0.50	\$ 250.00
4	/19/2010	Deems	review cover note from counsel for Fee Examiner	\$	500.00	0.10	\$ 50.00
4	/19/2010	Deems	prepare email to Carla Anders re scheduling time to discuss draft Report	\$	500.00	0.10	\$ 50.00
4	/19/2010	Hansen	Call with Jim Redwine re: Fee Examiner letter	\$	500.00	0.10	\$ 50.00
2	/19/2010	Hansen	Call with D. Deems, B. Twellman re: Fee Examiner letter	\$	500.00	0.70	\$ 350.00
2	/19/2010	Killian	Responding to fee application request for additional information	\$	450.00	0.60	\$ 270.00
2	/19/2010	Twellman	conf call with G Hansen and D Deems re Fee Examiner report	\$	330.00	0.70	\$ 231.00
2	/19/2010	Twellman	prepare schedules for Fee examiner review	\$	330.00	0.30	\$ 99.00
4	/20/2010	Deems	exchange emails with Carla Andres re Draft Report of Fee Examiner	\$	500.00	0.10	\$ 50.00
	/20/2010	Deems	detailed review and summary of Fee Examiner's Draft Report in preparation of call with Carla Andres	\$	500.00	1.30	\$ 650.00
	/20/2010	Deems	conf Steve Karotkin re Fee Examiner Report	\$	500.00	0.20	\$ 100.00
	/20/2010	Patti	Prepare detailed summaries addressing clerical/admin. fees, vague tasks, and vague communications from the first interim billing period.	\$	155.00	1.20	\$ 186.00
	/20/2010	Twellman	prepare schedules for Fee examiner review	\$	330.00	0.90	\$ 297.00
	/20/2010	Twellman	Claro team meeting to discuss QC procedures	\$	330.00	0.60	\$ 198.00
	/21/2010	Deems	conference with Carrianne Basler (Alix Partners) re Draft Report of Fee Examiner	φ \$	500.00	0.20	\$ 100.00
Г			Lengthy conf call with Carla Andres re Draft Report of Fee Examiner	φ \$	500.00	1.40	\$ 700.00
Г	/21/2010	Deems Deems	prepare for call with Carla Andres re Draft Report of Fee Examiner	\$	500.00	0.40	\$ 200.00
Г			Prepare detailed summaries addressing independent contractor fees, blocked/bundling, and additional details from the				
Г	/21/2010	Patti	first interim billing period.	\$	155.00	3.10	\$ 480.50
Г	/21/2010	Twellman	review schedules for Fee examiner response	\$	330.00	0.30	\$ 99.00
Г	/21/2010	Twellman	create document to respond to Fee examiner questions	\$	330.00	0.20	\$ 66.00
Г	/22/2010	Deems	conf Brian Twellman re additional billing details requested by Fee Examiner	\$	500.00	0.40	\$ 200.00
Г	/22/2010	Deems	prepare updated information for submission to Fee Examiner's counsel, including draft cover email	\$	500.00	1.20	\$ 600.00
Γ	/22/2010	Patti	Prepare detailed summaries addressing expenses and additional details from the first interim billing period.	\$	155.00	1.90	\$ 294.50
Г	/22/2010	Twellman	Create document to respond to Fee examiner questions	\$	330.00	1.40	\$ 462.00
Г	/23/2010	Deems	re+D1162vise and finalize email to Carla Andres re Draft Report issues	\$	500.00	0.30	\$ 150.00
Г	/23/2010	Twellman	create document to respond to Fee examiner questions	\$	330.00	0.40	\$ 132.00
Г	/26/2010	Killian	Review revised Fee Examiner's report	\$	450.00	0.70	\$ 315.00
Г	/26/2010	Twellman	meeting w Claro staff to discuss Fee examiner questions	\$	330.00	0.40	\$ 132.00
Г	/26/2010	Twellman	document and schedules to respond to Fee examiner questions	\$	330.00	0.75	\$ 247.50
ľ	/27/2010	Deems	prepare reply to Fee Examiner's Report and Limited Objections	\$	500.00	2.20	\$ 1,100.00
Г	/27/2010	Deems	conf with Steve Karotkin re Fee Examiner Report and submission of reply to same	\$	500.00	0.20	\$ 100.00
4	/27/2010	Deems	prepare email to Steve Karotin and Joe Smolinsky re hearing on Fee Application	\$	500.00	0.30	\$ 150.00
Г	/27/2010	Killian	Reviewing and commenting on response re Fee Examiner's report	\$	450.00	0.60	\$ 270.00
4	/27/2010	Mora	Assisted Doug Deems with MLC case re: Fee App	\$	110.00	3.00	\$ 330.00
4	/27/2010	Twellman	document and schedules to respond to Fee examiner questions	\$	330.00	1.50	\$ 495.00
4	/28/2010	Deems	review response of US Trustee to re First Interim Applications	\$	500.00	0.30	\$ 150.00
4	/28/2010	Killian	Reviewing and commenting on response re Fee Examiner's report	\$	450.00	0.70	\$ 315.00
4	/28/2010	Twellman	Prepare response to Fee examiner questions	\$	330.00	0.50	\$ 165.00
4	/29/2010	Deems	prepare for hearing on first fee application	\$	500.00	0.40	\$ 200.00
4	/29/2010	Deems	participate telephonically in April 29 hearing on first fee application	\$	500.00	3.30	\$ 1,650.00
4	/29/2010	Deems	participate in Court hearing telephonically re Judge Gerber's reading of his ruling on the First Fee Application prepare detailed summary of the Judge Gerber's ruling on Claro's First Fee Application for ciculation to Claro billing and	\$	500.00	1.90	\$ 950.00
4	/29/2010	Deems	to the project team	\$	500.00	0.40	\$ 200.00
4	/30/2010	Forrester	Respond to Fee Examiner request for clarification on fees/time	\$	175.00	0.30	\$ 52.50
4	/30/2010	Forrester	Review Fee Application.	\$	175.00	0.70	\$ 122.50

Service	Staff	Description		Rate	Hours	Amount
4/30/2010	Patti	Review Second Interim Fee Period entries	\$	155.00	2.10	\$ 325.50
4/30/2010	Twellman	prepare schedules for Fee examiner review	\$	330.00	1.20	\$ 396.00
4/30/2010	Twellman	Meeting w Claro team to discuss 2nd Interim Fee application questions	\$	330.00	0.80	
	Patti	Create spreadsheet in response to Fee Examiner's comments	Ф \$	155.00	1.20	
5/3/2010 5/3/2010	Patti	Create spreassierer in response to recreating sommering Continue to develop detailed spreadsheet in response to Fee Examiner's comments and inquiries regarding potential disallowance (e.g., vague tasks, vague communications, and multiple participants to conferences)	э \$	155.00	3.30	\$ 186.00 \$ 511.50
5/3/2010	Twellman	Create first draft of response to objections/comments of Fee Examiner	\$	330.00	1.20	\$ 396.00
5/3/2010	Twellman	Review Fee examiner issues with M Patti	\$	330.00	0.80	\$ 264.00
5/4/2010	Deems	conf call with G Hansen and B Twellman re Second Fee Application and related considerations in light of Judge Gerber's uling	\$	500.00	0.40	\$ 200.00
5/4/2010	Hansen	phone call with D. Deems, B. Twellman re: 2nd Fee Application	\$	500.00	0.40	\$ 200.00
5/4/2010	Patti	Provide additional expense detail in anticipation of request by Fee Examiner for October and November expenses.	\$	155.00	1.20	\$ 186.00
5/4/2010	Patti	Continue to work on detailed spreadsheet in response to Fee Examiner's inquiry/objections, including confirmation of percentage totals suggested by Fee Examiner	\$	155.00	1.30	\$ 201.50
5/4/2010	Twellman	Continue work ondraft response to objections/comments of Fee Examiner	\$	330.00	1.60	\$ 528.00
5/4/2010	Twellman	conf call with G Hansen and D Deems to discuss response to Fee Examiner Second Fee Application issues	\$	330.00	0.40	\$ 132.00
5/5/2010	Deems	examine email from Carla Andres re second fee application; forward to team with comments	\$	500.00	0.20	
5/5/2010	Patti	Develop additional materials to respond to Fee Examiner re: incomplete time entry descriptions 2nd Interim Fee period.	\$	155.00	3.60	
5/5/2010	Twellman	In response to Fee Examiner questions and in anticipation of further inquiries, provide more detailed time descriptions for Fee examiner response	\$	330.00	1.40	\$ 462.00
			φ \$			
5/5/2010	Twellman	review schedules responding to Fee Examiner issues In response to Fee Examiner questions and in anticipation of further inquiries, develop more detailed overview of work		330.00	0.20	\$ 66.00
5/5/2010	Twellman	performed by task for 2nd interim period	\$	330.00	0.40	
5/6/2010	Hansen	summarize Claro and Environmental team activities for communications with Fee Examiner	\$	500.00	2.30	\$ 1,150.00
5/6/2010	Patti	Provide invoices and expense details spreadsheet for 2nd Interim Fee Period. In response to Fee Examiner questions and in anticipation of further inquiries, prepare draft of complete 2nd Interim Fees	\$	155.00	1.40	\$ 217.00
5/6/2010	Patti	and Expenses with details for review. Continue working on detailed draft summary of major activities accomplished by month for 2nd Fee Application in	\$	155.00	2.60	\$ 403.00
5/6/2010	Twellman	response to Fee Examiner questions and in anticipation of further inquiries	\$	330.00	1.20	\$ 396.00
5/6/2010	Tweilman	review draft of Claro's detailed summary of activities in response to Fee Examiner review of US Trustee Guidelines and SDNY Local Rules as it relates to billing/time entry guidelines in BK cases; prepare	\$	330.00	0.70	\$ 231.00
5/7/2010	Deems	email to Claro's MLC team with brief summary of same	\$	500.00	0.40	\$ 200.00
5/7/2010	Twellman	create schedules to include as exhibits in Claro response to questions/anticipated questions from Fee Examiner response	\$	330.00	1.10	\$ 363.00
5/7/2010	Twellman	meet to discuss requirements for updated time descriptions w Claro team members In response to Fee Examiner's inquiry and in anticipation of further inquiry, review time descriptions for completeness for	\$	330.00	0.10	\$ 33.00
5/7/2010	Twellman	all project members	\$	330.00	0.90	\$ 297.00
5/10/2010	Twellman	review schedules to include as exhibits in Claro's response to Fee Examiner inquiry	\$	330.00	0.40	\$ 132.00
5/10/2010	Twellman	Continue to review time descriptions for completeness for all project members in response to Fee Examiner's inquiries	\$	330.00	1.80	\$ 594.00
5/11/2010	Deems	examine draft order approving fee application (.1); update Schedule A of proposed order to include Claro information (.3); prepare detailed email to Carla Andres regarding proposed Claro information (.2)	\$	500.00	0.60	\$ 300.00
5/11/2010	Hansen	summarize Claro and Environmental team activities for communications with Fee Examiner	\$	500.00	3.20	\$ 1,600.00
5/11/2010	Killian	Reviewing fee app supplemental information prepared by B. Twellman	\$	450.00	0.70	\$ 315.00
5/11/2010	Twellman	Continue working on memorandum for Fee Examiner describing major activities by month in response to inquiries/objections from Fee Examiner	\$	330.00	1.40	\$ 462.00
5/11/2010	Twellman	review draft schedules for Fee Examiner response	\$	330.00	0.60	\$ 198.00
5/12/2010	Deems	review email from Carla Andres re language/calculations in draft Order approving First Fee Application; revise calculation and submit to Russ Brooks	\$	500.00	0.30	\$ 150.00
5/12/2010	Hansen	review 1st Fee Application calculation	\$	500.00	0.20	\$ 100.00
5/12/2010	Hansen	review April invoice	\$	500.00	1.40	\$ 700.00
5/13/2010	Deems	examine email from Carla Andres (Counsel for Fee Examiner); prepare email to Ms. Andres in response	\$	500.00	0.30	\$ 150.00
5/20/2010	Gennity	Clean-up/oreparation of March bill	\$	175.00	0.70	
5/20/2010	Patti	Assemble February and March time entries and categorize by person and issue.	\$	155.00	1.60	
5/20/2010	Patti	Review February and March invoice entry details.	\$	155.00	1.40	\$ 217.00
			\$			
5/20/2010	Twellman	review invoices descriptions for completeness review draft summary of Claro services during second interim fee application period and edit same		330.00	0.40	
5/21/2010	Deems		\$	500.00	0.30	
5/21/2010	Forrester	Billing and Time Entry Prep for March.	\$	175.00	0.60	\$ 105.00
5/21/2010	Patti	Revise summaries of each timekeeper's details with potential issues.	\$	155.00	3.20	\$ 496.00
5/21/2010	Patti	Update February and March time entries with adjustments.	\$	155.00	1.80	
5/21/2010	Twellman	review potential Fee examiner questions for 2nd applicaiton.	\$	330.00	0.60	\$ 198.00
5/26/2010	Forrester	April billing issues.	\$	175.00	1.10	\$ 192.50
5/26/2010	Twellman	Final review of Claro Overview of Services memo for 2nd interim pay period	\$	330.00	0.60	\$ 198.00

	Service	Staff	Description	Rate		Hours	Amount
	5/28/2010	Twellman	review April invoice time descriptions for Claro team for completeness	\$	330.00	0.60	\$ 198.00
Fee Applicat	Fee Application & Other Job Administration Cost Analysis Total					130.25	\$ 40,799.00
Travel Time							
	4/14/2010	Hansen	Return flight from meeting w/ UST, DOJ, EPA, Brattle (at half rate)	\$	250.00	2.80	\$ 700.00
Travel Time	Total					2.80	\$ 700.00
Fees Total						1,799.20	\$ 527,315.50

## EXHIBIT E

THE CLARO GROUP, LLC Douglas H. Deems 777 S. Figueroa Street, Suite 4050 Los Angeles, CA 90017 (213) 784-0190 (Telephone) (213) 452-6556 (Facsimile)

Environmental Management Consultants to the Debtor

**UNITED STATES BANKRUPTCY COURT** SOUTHERN DISTRICT OF NEW YORK -----X : Chapter 11 Case No. In re : : MOTORS LIQUIDATION COMPANY, et al., : 09-50026 (REG) f/k/a General Motors Corp., et al. : : Debtors. (Jointly Administered) : -----X

## CERTIFICATION OF DOUGLAS H. DEEMS

I, Douglas H. Deems certify as follows:

1. I am a Managing Director of The Claro Group, LLC ("Claro"). I submit this certification with respect to the Third Interim Application (the "Fee Application") of Claro, environmental management consultants to Motors Liquidation Company (f/k/a General Motors Corporation) ("GM") and its affiliated debtors, as debtors in possession (collectively, the "Debtors"), for allowance of compensation for professional services rendered and reimbursement of actual and necessary expenses incurred for the period February 1, 2010 through May 31, 2010.

2. I make this certification in accordance with General Order M-151, Amended Guidelines for Fees and Disbursements for Professionals in the Southern District of New York Bankruptcy Cases, adopted by the United States Bankruptcy Court for the Southern District of New York on April 19, 1995 (the "Local Guidelines"). In connection therewith, I hereby certify that:

a. I have read the Fee Application;

b. to the best of my knowledge, information, and belief formed after reasonable inquiry, the fees and disbursements sought in the Fee Application fall within the Local Guidelines and the UST Guidelines;

c. the fees and disbursements sought are charged in accordance with practices customarily employed by Claro and generally accepted by Claro's clients; and

d. in providing a reimbursable service and other than in connection with one independent contractor who has charged time on this matter,<sup>1</sup> Claro does not make a profit on that service, whether the service is performed by Claro in-house or through a third party.

3. As required by Section B. 2 of the Local Guidelines, I certify that all of Claro's Monthly Statements were sent to (i) the Debtors; (ii) counsel for the Debtors; (iii) counsel to the Creditors' Committee; and (iv) Office of the United States Trustee for the Southern District of New York.

4. As required by Section B. 3 of the Local Guidelines, I certify that (i) the Debtors;
(ii) counsel for the Debtors; (iii) counsel to the Creditors' Committee; and (iv) Office of the
United States Trustee for the Southern District of New York will each be provided with a copy

<sup>&</sup>lt;sup>1</sup> In connection with a portion of the services described in this Fee Application and consistent with Claro's standard practices, Claro is charging a mark up on one independent contractor who has charged time on this engagement.

of this Fee Application by counsel for the Debtors at least ten (10) days in advance of the hearing

to consider the Fee Application.

5. I certify the foregoing to be true and correct.

Dated: Los Angeles, California August 2, 2010

Douglas H. Deems Managing Director The Clare Group, LLC