

**NORTHERN UTILITIES, INC.- NEW HAMPSHIRE DIVISION  
REMEDATION ADJUSTMENT CLAUSE COMPLIANCE FILING  
2010-2011 ENVIRONMENTAL RESPONSE COSTS  
SITE SPECIFIC EXPENSES**

**SCHEDULE 1  
PAGE 1 OF 1**

Line	Description	Total	11/05 - 10/06	11/06 - 10/07	11/07 - 10/08	11/08 - 10/09	11/09 - 10/10	11/10 - 10/11	11/11 - 10/12	11/12 - 10/13	11/13 - 10/14	11/14 - 10/15	11/15-10/16	11/16-10/17	11/17-10/18
	ENVIRONMENTAL RESPONSE COST (ERC)		-----												
1	July 04 - June 05 Expenses Amortization (1/7)	\$ 909,099	\$ 129,871	\$ 129,871	\$ 129,871	\$ 129,871	\$ 129,871	\$ 129,871	\$ 129,871						
2	July 05 - June 06 Expenses Amortization (1/7)	\$ 632,461		\$ 90,352	\$ 90,352	\$ 90,352	\$ 90,352	\$ 90,352	\$ 90,352	\$ 90,352					
3	July 06 - June 07 Expenses Amortization (1/7)	\$ 186,804			\$ 26,686	\$ 26,686	\$ 26,686	\$ 26,686	\$ 26,686	\$ 26,686	\$ 26,686				
4	July 07 - June 08 Expenses Amortization (1/7)	\$ 232,960				\$ 33,280	\$ 33,280	\$ 33,280	\$ 33,280	\$ 33,280	\$ 33,280	\$ 33,280			
5	July 08 - June 09 Expenses Amortization (1/7)	\$ 127,728					\$ 18,247	\$ 18,247	\$ 18,247	\$ 18,247	\$ 18,247	\$ 18,247	\$ 18,247		
6	July 09 - June 10 Expenses Amortization (1/7)	\$ 189,634						\$ 27,091	\$ 27,091	\$ 27,091	\$ 27,091	\$ 27,091	\$ 27,091	\$ 27,091	
7	July 10 - June 11 Expenses Amortization (1/7)	\$ 121,209							\$ 17,316	\$ 17,316	\$ 17,316	\$ 17,316	\$ 17,316	\$ 17,316	\$ 17,316
8	Subtotal (Line 1 through Line 7)	<u>\$ 2,399,895</u>	<u>\$ 129,871</u>	<u>\$ 220,223</u>	<u>\$ 246,909</u>	<u>\$ 280,189</u>	<u>\$ 298,436</u>	<u>\$ 325,527</u>	<u>\$ 342,842</u>	<u>\$ 212,971</u>	<u>\$ 122,619</u>	<u>\$ 95,933</u>	<u>\$ 62,653</u>	<u>\$ 44,406</u>	<u>\$ 17,316</u>
9	Add: Excess amortization from prior years (from schedule 5, Line 10)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Less: Excess amortization to be deferred (from schedule 5, Line 9)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Total Environmental Response cost to be recovered (ERC)	<u>\$ 2,399,895</u>	<u>\$ 129,871</u>	<u>\$ 220,223</u>	<u>\$ 246,910</u>	<u>\$ 280,189</u>	<u>\$ 298,436</u>	<u>\$ 325,527</u>	<u>\$ 342,842</u>	<u>\$ 212,971</u>	<u>\$ 122,619</u>	<u>\$ 95,933</u>	<u>\$ 62,653</u>	<u>\$ 44,406</u>	<u>\$ 17,316</u>
	UNAMORTIZED ENVIRONMENTAL RESPONSE COST														
12	July 2004 - June 2005 Unamortized beginning balance	\$ 909,099	\$ 779,228	\$ 649,356	\$ 519,485	\$ 389,614	\$ 259,743	\$ 129,871	\$ 129,871	\$ 0					
13	July 2005 - June 2006 Unamortized beginning balance		\$ 632,461	\$ 542,109	\$ 451,758	\$ 361,406	\$ 271,055	\$ 180,703	\$ 180,703	\$ 90,352	\$ -				
14	July 2006 - June 2007 Unamortized beginning balance			\$ 186,804	\$ 160,118	\$ 133,431	\$ 106,745	\$ 80,059	\$ 80,059	\$ 53,373	\$ 26,686	\$ -			
15	July 2007 - June 2008 Unamortized beginning balance				\$ 232,960	\$ 199,680	\$ 166,400	\$ 133,120	\$ 99,840	\$ 66,560	\$ 33,280	\$ -			
16	July 2008 - June 2009 Unamortized beginning balance					\$ 127,728	\$ 109,481	\$ 91,234	\$ 72,987	\$ 54,741	\$ 36,494	\$ 18,247	\$ -		
17	July 2009 - June 2010 Unamortized beginning balance						\$ 189,634	\$ 162,544	\$ 135,453	\$ 108,362	\$ 81,272	\$ 54,181	\$ 27,091	\$ -	
18	July 2010 - June 2011 Unamortized beginning balance							\$ 121,209	\$ 103,893	\$ 86,578	\$ 69,262	\$ 51,947	\$ 34,631	\$ 17,316	
18	Total Unamortized beginning balance	<u>\$ 1,318,796</u>	<u>\$ 1,747,779</u>	<u>\$ 2,690,645</u>	<u>\$ 2,455,173</u>	<u>\$ 1,327,128</u>	<u>\$ 1,144,719</u>	<u>\$ 898,740</u>	<u>\$ 898,740</u>	<u>\$ 555,898</u>	<u>\$ 342,927</u>	<u>\$ 220,308</u>	<u>\$ 124,375</u>	<u>\$ 61,722</u>	<u>\$ 17,316</u>
19	INSURANCE/3RD PARTY EXPENSES (IE) Expenses (from schedule 2)														
20	INSURANCE/3RD PARTY RECOVERIES (IR)														
21	UNDER/OVER Recovery from previous year														
22	Total of Lines 15, 16, 17, 18	<u>\$ 1,318,796</u>	<u>\$ 1,747,779</u>	<u>\$ 2,690,645</u>	<u>\$ 2,455,173</u>	<u>\$ 1,327,128</u>	<u>\$ 1,144,719</u>	<u>\$ 898,740</u>	<u>\$ 898,740</u>	<u>\$ 555,898</u>	<u>\$ 342,927</u>	<u>\$ 220,308</u>	<u>\$ 124,375</u>	<u>\$ 61,722</u>	<u>\$ 17,316</u>

Remediation Adjustment Clause Compliance Filing  
2010- 2011 ENVIRONMENTAL RESPONSE COSTS  
Summary

LINE NO.	DESCRIPTION	LEGAL EXPENSE	CONSULTING EXPENSE	REMEDIAATION EXPENSE	INSURANCE & 3RD PARTY EXPENSES	OTHER EXPENSE	100% RECOVERABLE EXPENSE	INSURANCE & 3RD PARTY EXPENSE	INSURANCE & THIRD PARTY RECOVERIES
1	Portsmouth Gas Works	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Exeter Gas Works	\$ 4,348	\$ -	\$ 86,066	\$ -	\$ 503	\$ 90,916	\$ -	\$ -
3	Rochester Gas Works	\$ -	\$ -	\$ 30,262	\$ -	\$ 30	\$ 30,292	\$ -	\$ -
4	Dover Gas Works	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5	Somerworth Gas Works	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTALS		\$ 4,348	\$ -	\$ 116,328	\$ -	\$ 533	\$ 121,209	\$ -	\$ -

REMEDIATION ADJUSTMENT CLAUSE COMPLIANCE FILING  
2010-2011 ENVIRONMENTAL RESPONSE COSTS  
Site 11  
Exeter Gas Works

Schedule 3A

LINE	VENDOR NAME	INVOICE NO.	LEGAL EXPENSE	CONSULTING EXPENSE	REMEDIATION EXPENSE	OTHER EXPENSE	TOTAL
1	AECOM	37038764			\$ 12,148	\$	12,148
2	AECOM	37043925			\$ 14,114	\$	14,114
3	AECOM	37045931			\$ 27,923	\$	27,923
4	AECOM	37046167			\$ 5,024	\$	5,024
5	AECOM	37049165			\$ 4,218	\$	4,218
6	AECOM	37050329			\$ 5,024	\$	5,024
7	AECOM	37071491			\$ 2,414	\$	2,414
8	AECOM	37081501			\$ 5,393	\$	5,393
9	AECOM	37089525			\$ 2,553	\$	2,553
10	AECOM	37097638			\$ 1,664	\$	1,664
11	AECOM	37105223			\$ 1,919	\$	1,919
12	AECOM	37122672			\$ 5,941	\$	5,941
13	AECOM	94370532165			\$ 3,233	\$	3,233
14	Anderson & Kreiger LLP	91392	\$ 1,025			\$	1,025
15	Anderson & Kreiger LLP	91771	\$ 1,090			\$	1,090
16	Anderson & Kreiger LLP	94214	\$ 228			\$	228
17	Anderson & Kreiger LLP	94604	\$ 2,005			\$	2,005
18	Treasurer, State of NH	198401075				\$ 503	\$ 503
19	Enpro Services Inc. (CREDIT)	08156-9			\$ (5,504)	\$	(5,504)
20	Erroneous Entry in 2010 ERC					\$	-
21	Exeter Gas Works, Schedule 3A, Line 20*					\$	-
22						\$	-
23						\$	-
24						\$	-
25						\$	-
<b>TOTAL</b>			<b>\$ 4,348</b>	<b>\$ -</b>	<b>\$ 86,066</b>	<b>\$ 503</b>	<b>\$ 90,916</b>

\* Invoice 08156-9 for Enpro Services, Inc. in the amount of \$5,503.70 is a Maine ERC Cost and was incorrectly charged to NH ERC in the 2010 filing.  
This error was found in the 2010 NHPUC ERC Report Review.

REMEDATION ADJUSTMENT CLAUSE COMPLIANCE FILING  
2010-2011 ENVIRONMENTAL RESPONSE COSTS  
Site 13  
Rochester Gas Works

Schedule 3B

LINE	VENDOR NAME	INVOICE NO.	LEGAL EXPENSE	CONSULTING EXPENSE	REMEDATION EXPENSE	OTHER EXPENSE	TOTAL
1	AECOM	37034720			\$ 7,830		\$ 7,830
2	AECOM	37041700			\$ 3,892		\$ 3,892
3	AECOM	37081931			\$ 2,806		\$ 2,806
4	AECOM	37090964			\$ 7,629		\$ 7,629
5	AECOM	37131936			\$ 8,105		\$ 8,105
6	City of Rochester	13780455				\$ 30	\$ 30
7							\$ -
8							\$ -
9							\$ -
10							\$ -
11							\$ -
12							\$ -
13							\$ -
TOTAL			\$ -	\$ -	\$ 30,262	\$ 30	\$ 30,292

REMEDATION ADJUSTMENT CLAUSE COMPLIANCE FILING  
2010-2011 ENVIRONMENTAL RESPONSE COSTS  
Site 14  
Somersworth Gas Works

Schedule 3C

LINE	VENDOR NAME	INVOICE NO.	LEGAL EXPENSE	CONSULTING EXPENSE	REMEDIATION EXPENSE	OTHER EXPENSE	TOTAL	
1	NONE						\$	-
2							\$	-
3							\$	-
4							\$	-
5							\$	-
6							\$	-
7							\$	-
8							\$	-
9							\$	-
10							\$	-
11							\$	-
12							\$	-
13							\$	-
TOTAL			\$ -	\$ -	\$ -	\$ -	\$ -	-

REMEDIALATION ADJUSTMENT CLAUSE COMPLIANCE FILING  
2010-2011 ENVIRONMENTAL RESPONSE COSTS  
Dover Gas Works  
Cocheco and Portland Streets, Dover, NH

Schedule 3D

LINE	VENDOR NAME	INVOICE NO.	LEGAL EXPENSE	CONSULTING EXPENSE	REMEDIALATION EXPENSE	OTHER EXPENSE		TOTAL
1	None						\$	-
2							\$	-
3							\$	-
4							\$	-
5							\$	-
6							\$	-
7							\$	-
8							\$	-
9							\$	-
10							\$	-
11							\$	-
12							\$	-
13							\$	-
TOTAL			\$	-	\$	-	\$	-

REMEDATION ADJUSTMENT CLAUSE COMPLIANCE FILING  
2010-2011 ENVIRONMENTAL RESPONSE COSTS  
Portsmouth Gas Works

Schedule 3E

LINE	VENDOR NAME	INVOICE NO.	LEGAL EXPENSE	CONSULTING EXPENSE	REMEDATION EXPENSE	OTHER EXPENSE	TOTAL
1	NONE						-
2							-
3							
4							
5							
6							
7							
8							
9							
10							-
11							-
12							-
13							-
TOTAL			\$ -	\$ -	\$ -	\$ -	-

COMPANY NAME

NORTHERN UTILITIES, INC.

EXETER GAS WORKS

LINE  
NO.

SCHEDULE 4A

1. SITE LOCATION: Water Street and Green Street in Exeter, NH
2. DATE SITE WAS FIRST INVESTIGATED AS A DISPOSAL SITE:  
The U.S. Environmental Protection Agency (EPA) conducted a Preliminary Assessment in 1982
3. SUMMARY OF MATERIAL DEVELOPMENTS AND INTERACTIONS WITH  
ENVIRONMENTAL AUTHORITIES (July 1, 2010 – June 30, 2011):
  - Northern directed AECOM to continue providing post-remediation environmental consulting services, including groundwater monitoring, for the former manufactured gas plant (MGP). AECOM conducted two sampling events and submitted an annual report to the New Hampshire Department of Environmental Services (NH DES) for review during the reporting period, which summarized the status of groundwater quality monitoring and remedial effectiveness.
  - Northern directed GZA GeoEnvironmental (GZA), Inc. to manage the ongoing groundwater monitoring program (GWMP) at the site. GZA, in conjunction with AECOM, coordinated communication with the status of the remediation project with the NH DES).
  - In August 2008, Northern was informed of a sheen in the Squamscott River in an area proximate to the site by NH DES) and the Town of Exeter. Northern retained AECOM to conduct an investigation. A preliminary investigation confirmed that the sediment impacts were likely associated with MGP residuals. As a result, Northern retained AECOM to conduct a formal investigation to delineate the impacts, which was submitted to the NH DES in 2010.
  - Northern directed AECOM to provide proposals for the remediation design on the sediment impacts. These proposals have been on-going throughout the reporting time period, and the selected design will be subject to NH DES approval prior to the start of remediation activities (anticipated in late 2012).
  - Northern continued to meet with NH DES and the Town of Exeter to remediation design proposals.
4. NEW HAMPSHIRE SITE REMEDIATION PROGRAM PHASE:

The former Exeter Gas Works continues to progress towards site closure via the NH DES overseen groundwater monitoring program. The Squamscott River sheen, which is associated with the site, continues with a NH DES overseen investigation and has commenced with proposed remediation designs – subject to approval by the NH DES.



5. NATURE AND SCOPE OF SITE CONTAMINATION:

Areas containing residual materials from the historic operation and decommissioning of the former manufactured gas plant were discovered on small parcels of land on the north and south sides of Water Street. These residuals, which include coal tars and oils, were found in the soil at discrete locations and in underlying groundwater. The objective of the cleanup project, as discussed with the NH DES, has been to stabilize affected soils to the extent practicable and to enhance the natural attenuation of any residuals in groundwater.

Northern prepared a project Completion Report that was submitted to NH DES in January 2002. The Completion report documented that all construction work was completed in accordance with the Remedial Action Plan (RAP) that was submitted to the NH DES in October 2001. The remedy consisted of the in-situ solidification of MGP residuals on the main parcel by auger mixing using a formulation of Portland cement and organophilic clay followed by grading and planting for site closure. The remedy also consisted of the injection of an oxygen release compound (ORC) into the soils and groundwater in the vicinity of the former settling lagoons on Exeter Housing Authority property. Finally, activity and use restrictions were noticed on the affected property deeds.

Subsequent to the completion of the site remediation, MGP residuals were identified in sediments at the mouth of a storm sewer outfall along the adjacent Squamscott River. The residuals are believed to have been discharged to the storm sewer as part of the process activities during the operation of the MGP. The sediment impacts are located in a defined area at a depth of up to six (6) feet below the top of sediments.

6. HISTORY AND CURRENT STATUS OF USE AND OWNERSHIP OF SITE:

The Exeter Gas Works operated from 1864 through 1955. The gas works was owned and operated by several companies during that time, including Exeter Gas Light Company in 1864, Strafford-York Gas Company in 1911, and Allied New Hampshire Gas Company in 1942. Allied New Hampshire Gas Company was a predecessor of Northern Utilities. Northern sold the eastern portion of the property to the Town of Exeter in 1978. In 1981 the eastern portion of the former MGP property was transferred to the Exeter Housing Authority. This portion of the site is currently used for elderly housing. The western portion of the former MGP is currently owned by Northern Utilities and is a landscaped lot.

7. LISTING AND STATUS OF INSURANCE AND 3<sup>RD</sup> PARTY LAWSUITS AND SETTLEMENTS: None

NAME OF SUIT: Not Applicable

DATE FILED: Not Applicable

STATUS (PENDING/SETTLED): Not Applicable

COMPANY NAME

NORTHERN UTILITIES, INC.

ROCHESTER FORMER MGP SITE

LINE  
NO

SCHEDULE 4B

1. SITE LOCATION: Route 125 and Spaulding Turnpike, Rochester, NH
2. DATE SITE WAS FIRST INVESTIGATED AS A DISPOSAL SITE:  
The property owner of record reported environmental concerns in 1989.
3. SUMMARY OF MATERIAL DEVELOPMENTS AND INTERACTIONS WITH ENVIRONMENTAL AUTHORITIES (July 1, 2010 – June 30, 2011):
  - Northern directed AECOM to continue providing environmental consulting services, including remediation design and groundwater monitoring, for the former manufactured gas plant (MGP). AECOM continued to evaluate effectiveness of the on-going phytoremediation program. AECOM conducted two sampling events and submitted an annual report to the New Hampshire Department of Environmental Services (NH DES) for review during the reporting period, which summarized the status of groundwater quality monitoring.
  - Northern directed AECOM to conduct a groundwater flow study to determine the effectiveness of the groundwater flow alterations. The third and final vegetative planting was completed in late 2009. The study's results indicate a favorable interception of the underlying groundwater flow but recommended follow-up evaluations into 2012.
  - Northern retained the services of GZA GeoEnvironmental (GZA), Inc. to manage the assessment and remediation of the site coordinating work with AECOM.
4. NEW HAMPSHIRE SITE REMEDIATION PROGRAM PHASE:  
  
The Rochester former Manufactured Gas Plant continues to implement the remediation design and monitor its progress via the groundwater monitoring program overseen by the NH DES.
5. NATURE AND SCOPE OF SITE CONTAMINATION:  
  
Areas containing residual materials from the historic operation and decommissioning of the former MGP were discovered on the two-acre parcel. These residuals, which include coal tars and oils, were found in the soil at discrete locations and in the underlying groundwater. The remediation design focused on removing the affected soils to the extent practicable and enhancing the natural attenuation of any residuals in groundwater.  
  
In addition, the remediation design included the removal of a tar well, which had been previously inaccessible because of propane storage equipment, the purchase of a former parcel from AmeriGas to facilitate the placement of notices of Activity and Use Restrictions (AURs) on the deeds, the demolition of an historic structure, the implementation of a multiphase

phytoremediation program to mitigate contaminated groundwater flow, and a further assessment of the residuals through a groundwater monitoring program.

6. HISTORY AND CURRENT STATUS OF USE AND OWNERSHIP OF SITE:

The Rochester Gas Light Company owned and operated the former gas works from 1906 through 1911. The gas works was subsequently owned and operated by two, separate companies after the Rochester Gas Light Company – Strafford-York Gas Company in 1911 and Allied New Hampshire Gas Company in 1942. The plant ceased operating in 1957. Allied New Hampshire Gas Company was a predecessor of Northern.

However, Northern sold the property to Pyrofax Gas Corporation in 1971. Pyrofax sold the property to Petrolane Gas Service, LP in 1987. AmeriGas purchased Petrolane in 1994. The property was purchased by Northern from AmeriGas in 2004 as part of a settlement agreement. Northern also purchased the eastern portion of the site from Mr. Peter Field in 1990. This portion of the site is undeveloped and contains remnants of a railroad bed. Northern also owns land adjacent to the former gas works.

7. LISTING AND STATUS OF INSURANCE AND 3<sup>RD</sup> PARTY LAWSUITS AND SETTLEMENTS:

NAME OF SUIT: Field vs. Petrolane and Northern Utilities, and Petrolane vs. Northern Utilities

DATE FILED: 1988

STATUS (PENDING/SETTLED): Settled 1994

COMPANY NAME

NORTHERN UTILITIES, INC.

SOMERSWORTH GAS WORKS

LINE  
NO.

SCHEDULE 4C

1. SITE LOCATION: Main Street and Depot Road in Somersworth, NH
2. DATE SITE WAS FIRST INVESTIGATED AS A DISPOSAL SITE:  
The New Hampshire Division of Public Health Services and New Hampshire Water Supply and Pollution Control Commission conducted a preliminary assessment in 1985.
3. SUMMARY OF MATERIAL DEVELOPMENTS AND INTERACTIONS WITH ENVIRONMENTAL AUTHORITIES (July 1, 2010 – June 30, 2011):
  - Northern directed AECOM (formerly AMEC) to continue providing environmental consulting services, including remediation design and groundwater monitoring, for the former manufactured gas plant (MGP). AECOM continued to evaluate effectiveness of the on-going limited excavation, targeted subsurface grouting, and in-situ chemical oxidation (ISCO) remediation program. AECOM conducted two sampling events and submitted an annual report to the New Hampshire Department of Environmental Services (NH DES) for review during the reporting period, which summarized the status of groundwater quality monitoring.
  - AMEC reported that collected data indicates persistent low levels of certain contaminants in groundwater indicative of residual source mass in the subsurface. A supplemental ISCO injection round was delayed for one year (and spanned the reporting period) to determine if natural attenuation was persistent and sustained. If collected data in 2011 continue the observed trend, the supplemental ISCO injection round, which would have targeted the residual source mass, may be dropped from the remediation design.
  - Northern retained the services of GZA GeoEnvironmental (GZA), Inc. to manage the assessment and remediation of the site coordinating work with AECOM.
4. NEW HAMPSHIRE SITE REMEDIATION PROGRAM PHASE:  
  
The former Somersworth Gas Works continues to implement the remediation design and monitor its progress via the groundwater monitoring program overseen by the NH DES.
5. NATURE AND SCOPE OF SITE CONTAMINATION:  
  
The very small footprint of the former Somersworth Gas Works made it unlikely that significant amounts of MGP residuals were used as fill on-site. The extensive test-pit program substantiated the assertion that significant amounts of MGP residuals were not used as on-site fill. Coal tars and liquids that may have accumulated in sub-grade vessels did not result in substantial releases, as indicated by the absence of any significant oil-like material in test pits and borings in the upper 10 to 15 feet of soil at the site. Most of the Northern parcel is now covered with re-graded soil

from local street work and capped by four (4) inches of imported topsoil.

As indicated by the site-specific groundwater quality data, metals and heavy-weighted polyaromatic hydrocarbons (PAHs) detected in soil have not leached into the underlying groundwater at significant concentrations. However, two suspected sources of lighter-weight PAHs (e.g., naphthalene) and volatile organic compounds (VOCs) detected in groundwater were identified in excess of regulated levels. The suspected sources were two, former gasholders on at the site. Oily residuals of limited extent were found in soil at depth below these holders. This material has been in periodic contact with the fluctuating water table. Due to the MGP operations having ceased more than 70 years ago, the period of rapid degradation of -related chemicals in groundwater has probably occurred. The relatively stable groundwater quality data is indicative of residual source materials undergoing natural biodegradation.

Northern contracted with AMEC to act as prime contractor for design and remediation services. Earthwork activities were awarded to ENPRO and were completed in April 2005. This consisted of the removal of subsurface bodies of tar and the jet grouting of a small area of MGP impacted soil below a foundation floor. Northern and AMEC awarded GeoCleanse the subcontract for the remediation of soil and groundwater using ISCO technology. The installation of oxidant injector wells and the first round of oxidant injection were completed in June 2005. Subsequent injections were conducted in September 2005, May 2006, and November 2006. A notice of an Activity and Use Restrictions (AUR) has been placed on the deed associated with the site.

6. HISTORY AND CURRENT STATUS OF USE AND OWNERSHIP OF SITE:

Available information indicates that the former gas works began operation as the Great Falls Gas Light Company in 1856 and may have been associated with the mills of the Great Falls Manufacturing Company. The gas company leased two small parcels from the Great Falls Manufacturing Company in 1907, one to the north and one to the south of the main plant site. The plant was deeded to the Strafford-York Gas Company in 1911, which was a predecessor of Allied New Hampshire Gas Company. The Allied New Hampshire Gas Company was eventually merged into Northern Utilities.

At its peak in 1917, the plant was supplying Rochester, East Rochester, Gonic, Somersworth, and Berwick, Maine. Available information indicates that the plant ceased production in 1928, when Rochester's former Manufactured Gas Plant began supplying Somersworth and the surrounding area. The plant appears to have been demolished during the 1930s. Northern constructed a high-pressure Horton Sphere (gas ball) at the site in the late 1940s for storage of propane and natural gas from a high-pressure main. The Horton Sphere was in operation into the 1980s, when it was decommissioned and removed off-site.

7. LISTING AND STATUS OF INSURANCE AND 3<sup>RD</sup> PARTY LAWSUITS AND SETTLEMENTS: None

NAME OF SUIT: Not Applicable

DATE FILED: Not Applicable

STATUS (PENDING/SETTLED): Not Applicable

**NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION**  
**CALCULATION OF EXCESS ENVIRONMENTAL**  
**RESPONSE COST AMORTIZATION**

**Schedule 5**  
**Page 1 of 1**

Line No.	Description	July 04 - June 05	July 05 - June 06	July 06 - June 07	July 07 - June 08	July 08 - June 09	July 09 - June 10	July 10 - June 11
1	NH FIRM GAS REVENUES FROM PRIOR YEAR (includes total firm and transportation (excluding off-system revenues))	\$ 81,728,945	\$ 82,226,907	\$ 101,878,866	\$ 69,648,363	\$ 67,144,399	\$ 90,189,283	\$ 57,304,148
2	5% of Line 1	\$ 4,086,447	\$ 4,111,345	\$ 5,093,943	\$ 3,482,418	\$ 3,357,220	\$ 4,509,464	\$ 2,865,207
3	TOTAL ERC COST TO BE RECOVERED (FROM SCHEDULE 1 Column C)	\$ 909,099	\$ 632,461	\$ 186,804	\$ 232,960	\$ 127,728	\$ 189,634	\$ 121,209
4	EXCESS AMORTIZATION DEFERRED FROM PRIOR YEARS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5	CARRYING CHARGES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	EXCESS AMORTIZATION FROM PRIOR YEARS PLUS CARRYING CHARGES (LINE 4 PLUS LINE 5)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	TOTAL POTENTIAL ERC COST TO RECOVERED (LINE 3 PLUS LINE 6)	\$ 909,099	\$ 632,461	\$ 186,804	\$ 232,960	\$ 127,728	\$ 189,634	\$ 121,209
8	EXCESS AMORTIZATION TO BE DEFERRED (LINE 2 LESS LINE 7; IF POSITIVE ENTER ZERO)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9	EXCESS AMORTIZATION FROM PRIOR PLUS CARRYING CHARGES TO BE RECOVERED (LINE 7 MINUS LINE 3; IF NEGATIVE ENTER ZERO)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -