

May 1, 2023

Rick Shien, Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive  
Santa Fe, NM 87505

**RE: 2023 Financial Assurance Submittal, Advanced Chemical Treatment, Inc. EPA ID# NMD002208627, HWB-ACT-MISC**

**Dear Mr. Shien:**

Attached please find the Financial Assurance Mechanism and supporting documents for Advanced Chemical Treatment, Inc. for 2023:

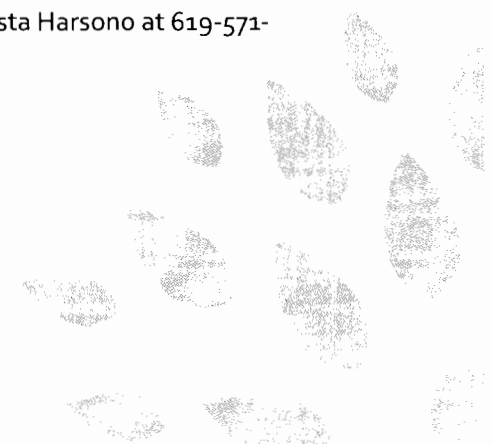
- Performance Bond – please refer to Attachment C.
- EIL Certificate
- Closure Cost Estimate – please see NIPA Table 1.1.9 found in Attachment B. The closure cost estimate for 2023 is **\$514,055.02**. The 2023 adjusted cost estimate was calculated by looking up the GDP implicit price deflator for 2021 and divided by the price deflator 2020. The result was our inflation “multiplier.” The adjusted cost estimate for 2022 was calculated using our 2021 current cost estimate (\$491,857.08) multiplied by the multiplier. Here is the formula:  
 $(118.895/113.784)*\$491,957.08 = \$514,055.02$

NIPA Table 1.1.9

	2016	2017	2018	2019	2020	2021	2022
Gross Domestic Product	105.74	107.749	110.339	112.318	113.784	118.895	127.224
Amount		\$457,178.00	\$465,864.12	\$477,062.26	\$485,618.67	\$491,957.08	<b>\$514,055.02</b>

- Schedule A – refer to Attachment A

If NMED requires further information or documents, please contact myself, Krista Harsono at 619-571-5737 or [kharsono@ACTenviro.com](mailto:kharsono@ACTenviro.com) and I will respond in a timely manner.





Regards,

A handwritten signature in black ink, appearing to be "PP", written in a cursive style.

Pasquale Paduano  
Vice President TSD  
ACTenviro

Enclosures

cc: K. Harsono, Compliance Director, ACTenviro





Attachment A – Schedule A

T 505.349.5220  
F 505.344.7986

6137 Edith Boulevard NE, Albuquerque, NM 87107  
[www.ACTenviro.com](http://www.ACTenviro.com)



## Schedule A

### Identification of Facilities and Cost Estimates

EPA Identification Number	NMD002208627
Name	Advanced Chemical Treatment, Inc.
Address	6133 Edith Blvd., NE Albuquerque, NM 87107
Closure Cost Estimate	\$514,055.02
Date of Estimate	April 27, 2023



**Attachment B – Implicit Price Deflators for Gross Domestic Product**

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## Table 1.1.9. Implicit Price Deflators for Gross Domestic Product

[Index numbers, 2012=100]

Last Revised on: February 23, 2023 - Next Release Date March 30, 2023

Line	2014	2015	2016	2017	2018	2019	2020	2021	2022
Line									
1 <b>Gross domestic product</b>	<b>103.654</b>	<b>104.691</b>	<b>105.740</b>	<b>107.749</b>	<b>110.339</b>	<b>112.318</b>	<b>113.784</b>	<b>118.895</b>	<b>127.224</b>
2 <b>Personal consumption expenditures</b>	<b>102.887</b>	<b>103.116</b>	<b>104.148</b>	<b>106.054</b>	<b>108.317</b>	<b>109.933</b>	<b>111.145</b>	<b>115.621</b>	<b>122.833</b>
3 Goods	98.920	95.896	94.332	94.621	95.334	94.948	94.237	98.824	107.325
4 Durable goods	95.429	93.358	91.141	89.067	87.698	86.809	86.032	90.809	96.745
5 Nondurable goods	100.599	97.092	95.876	97.451	99.339	99.247	98.585	103.001	113.144
6 Services	104.880	106.796	109.197	111.966	115.070	117.791	120.133	124.458	130.707
7 <b>Gross private domestic investment</b>	<b>102.872</b>	<b>103.697</b>	<b>103.726</b>	<b>105.275</b>	<b>107.164</b>	<b>109.003</b>	<b>110.176</b>	<b>114.169</b>	<b>123.655</b>
8 Fixed investment	103.172	104.075	104.202	105.939	107.932	109.698	111.179	115.608	125.352
9 Nonresidential	101.469	101.909	101.119	101.992	102.824	104.155	104.948	106.688	113.644
10 Structures	107.198	109.403	109.670	112.411	114.116	118.805	120.380	125.276	145.859
11 Equipment	99.169	98.671	97.593	97.579	97.711	97.841	97.340	97.726	103.791
12 Intellectual property products	100.791	101.374	100.302	101.202	102.423	103.327	105.183	106.913	109.470
13 Residential	111.118	114.114	118.127	123.454	130.417	134.144	138.622	153.963	175.328
14 Change in private inventories	---	---	---	---	---	---	---	---	---
15 <b>Net exports of goods and services</b>	---	---	---	---	---	---	---	---	---
16 Exports	100.216	95.373	93.458	95.903	99.142	98.692	96.278	107.304	117.406
17 Goods	98.312	91.323	87.772	90.060	93.271	91.807	88.217	100.726	112.312
18 Services	104.466	104.431	106.155	108.950	112.244	114.128	114.594	121.500	127.651
19 Imports	97.961	90.144	87.058	88.980	91.408	89.972	88.010	94.478	101.526
20 Goods	96.752	87.644	83.999	85.880	88.263	86.379	83.963	90.508	97.532
21 Services	104.018	102.981	102.856	104.991	107.648	108.618	109.342	114.972	121.842
22 <b>Government consumption expenditures and gross investment</b>	<b>104.470</b>	<b>104.638</b>	<b>104.899</b>	<b>107.353</b>	<b>111.303</b>	<b>113.192</b>	<b>115.329</b>	<b>121.436</b>	<b>130.570</b>
23 Federal	102.643	103.143	103.695	105.592	108.662	110.639	111.898	115.724	121.498
24 National defense	102.056	102.334	102.650	104.260	107.147	108.903	110.148	114.240	120.238
25 Nondefense	103.621	104.466	105.370	107.697	111.044	113.360	114.640	118.111	123.622
26 State and local	105.698	105.656	105.739	108.534	113.028	114.864	117.568	125.206	136.565
Addendum:									
27 Gross national product	103.652	104.681	105.727	107.736	110.324	112.300	113.765	118.871	---



**Attachment C – Performance Bond**

T 505.349.5220  
F 505.344.7986

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[www.ACTenviro.com](http://www.ACTenviro.com)





INCREASE RIDER

To be attached to and form part of Performance Bond No. 800049265 issued by Atlantic Specialty Insurance Company the Surety on behalf of Advanced Chemical Treatment, Inc. as Principal in favor of the U.S. Environmental Protection Agency (hereinafter called EPA) said bond having been issued in the amount of (\$ 457,178.00 ) effective from the 12th day of August, 2019.

It is hereby understood and agreed the amount of the aforesaid bond is hereby increased from Four Hundred Ninety Nine Thousand Two Hundred Seventy Three and 57/100----- (\$ 499,273.57----- ) to Five Hundred Fourteen Thousand Fifty Five and 02/100----- (\$ 514,055.02----- ) effective as of the 28th day of April, 2023.

Provided, however, the liability of the Surety for defaults occurring prior to the 28th day of April, 2023 shall not exceed (\$ 499,273.57----- ) and the total liability of the Surety shall in no event exceed (\$ 514,055.02----- ).

Signed, sealed and dated this 28th day of April, 2023.

Witness signature: Nancy [Signature]

Advanced Chemical Treatment, Inc.

BY: [Signature] Principal

ITS: Corporate Controller

Witness signature: Jamie Armfield

Atlantic Specialty Insurance Company

BY: [Signature] Attorney-In-Fact Holly E. Ulfers





## Power of Attorney

KNOW ALL MEN BY THESE PRESENTS, that ATLANTIC SPECIALTY INSURANCE COMPANY, a New York corporation with its principal office in Plymouth, Minnesota, does hereby constitute and appoint: **Holly E. Ulfers, Roxana Palacios, Kathleen M. Mitchell, Debbie Lindstrom, Brandi Heinbaugh, Scott Alderman, Amber Engel, Jamie Armfield, Kathy Nye, Tara Koloski, Kristine Santamaria, Marina Matyunin**, each individually if there be more than one named, its true and lawful Attorney-in-Fact, to make, execute, seal and deliver, for and on its behalf as surety, any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof; provided that no bond or undertaking executed under this authority shall exceed in amount the sum of: **unlimited** and the execution of such bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof in pursuance of these presents, shall be as binding upon said Company as if they had been fully signed by an authorized officer of the Company and sealed with the Company seal. This Power of Attorney is made and executed by authority of the following resolutions adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the President, any Senior Vice President or Vice-President (each an "Authorized Officer") may execute for and in behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and affix the seal of the Company thereto; and that the Authorized Officer may appoint and authorize an Attorney-in-Fact to execute on behalf of the Company any and all such instruments and to affix the Company seal thereto; and that the Authorized Officer may at any time remove any such Attorney-in-Fact and revoke all power and authority given to any such Attorney-in-Fact.

Resolved: That the Attorney-in-Fact may be given full power and authority to execute for and in the name and on behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and any such instrument executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed and sealed by an Authorized Officer and, further, the Attorney-in-Fact is hereby authorized to verify any affidavit required to be attached to bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof.

This power of attorney is signed and sealed by facsimile under the authority of the following Resolution adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the signature of an Authorized Officer, the signature of the Secretary or the Assistant Secretary, and the Company seal may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing an Attorney-in-Fact for purposes only of executing and sealing any bond, undertaking, recognizance or other written obligation in the nature thereof, and any such signature and seal where so used, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

IN WITNESS WHEREOF, ATLANTIC SPECIALTY INSURANCE COMPANY has caused these presents to be signed by an Authorized Officer and the seal of the Company to be affixed this first day of January, 2023.

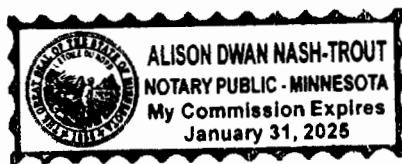


By \_\_\_\_\_

Sarah A. Kolar, General Counsel

STATE OF MINNESOTA  
HENNEPIN COUNTY

On this first day of January, 2023, before me personally came Sarah A. Kolar, General Counsel of ATLANTIC SPECIALTY INSURANCE COMPANY, to me personally known to be the individual and officer described in and who executed the preceding instrument, and she acknowledged the execution of the same, and being by me duly sworn, that she is the said officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the seal of said Company and that the said seal and the signature as such officer was duly affixed and subscribed to the said instrument by the authority and at the direction of the Company.



Notary Public

I, the undersigned, Secretary of ATLANTIC SPECIALTY INSURANCE COMPANY, a New York Corporation, do hereby certify that the foregoing power of attorney is in full force and has not been revoked, and the resolutions set forth above are now in force.

Signed and sealed. Dated 28th day of April, 2023



Kara Barrow, Secretary

This Power of Attorney expires  
January 31, 2025

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

Civil Code § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

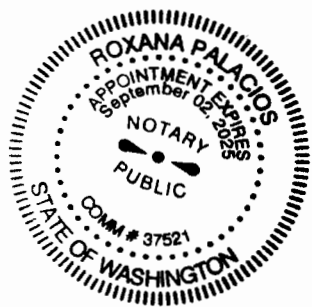
State of Washington  
County of King }  
On April 28, 2023 before me, Roxana Palaacios, Notary Public  
Date Name and Title of Notary  
personally appeared Holly E Ulfers  
Name and or Names of Signer(s)

Who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Signature Roxana Palaacios  
Notary Public Signature



Place Notary Public Seal Above

### OPTIONAL

Though the information below is not required by law, it may prove valuable to the persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document \_\_\_\_\_

Document Date \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

Individual  
 Corporate Officer – Title(s): \_\_\_\_\_  
 Partner -  Limited  General  
 Guardian or Conservator  
 Attorney-in-Fact  
 Trustee  
 Other: \_\_\_\_\_  
 Signer is representing \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

RIGHT THUMBPRINT OF SIGNER  
 Top of thumb

Individual  
 Corporate Officer – Title(s): \_\_\_\_\_  
 Partner -  Limited  General  
 Guardian or Conservator  
 Attorney-in-Fact  
 Trustee  
 Other: \_\_\_\_\_  
 Signer is representing \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

RIGHT THUMBPRINT OF SIGNER  
 Top of thumb





USI Insurance Services  
601 Union Street  
Suite 1000  
Seattle, WA 98101  
www.usi.com  
Tel: 206.441.6300

April 28, 2023

Krista Harsono  
ACTenviro  
967 Mabury Road  
San Jose, CA 95133

Re: Atlantic Specialty Insurance Company– Bond #80049265  
Closure Bond for NMD002208627 - Bond amount increased to \$514,055.02

Dear Krista:

We are pleased to enclose a bond rider for the bond mentioned above. Please let us know if you should have any questions.

Sincerely,

USI INSURANCE SERVICES

*Holly Ulfers*

Holly E. Ulfers, AFSB  
Vice President, Surety  
Holly.ulfers@usi.com  
206-695-3106