

250 SW Taylor Street Portland, OR 97204 503-226-4211 nwnatural.com

October 24, 2022

VIA ELECTRONIC FILING AND FEDEX MAIL

Public Utility Commission of Oregon Attn: PUC Filing Center 201 High Street SE, Suite 100 Post Office Box: 1088 Salem, OR 97308-1088

Re: Consolidated UG 435 / UG 411 / Application of NW Natural for a General Rate Revision/Schedule 198 Renewable Natural Gas Recovery Mechanism Attestation Filed Pursuant to Stipulation.

To PUC Filing Center:

On May 31, 2022, Northwest Natural Gas Company d/b/a NW Natural ("NW Natural" or the "Company"), Staff of the Public Utility Commission of Oregon, the Oregon Citizens' Utility Board, the Alliance of Western Energy Consumers, and the Small Business Utility Advocates (collectively, the "Stipulating Parties") filed a Multi-Party Stipulation Regarding Revenue Requirement, Rate Spread and Certain Other Issues (the "Stipulation"). Under the terms of Paragraph 3 of the Stipulation, NW Natural agreed to file an attestation of a Company officer ("Officer Attestation") by October 24, 2022, identifying which of the projects listed in Appendix C to the Stipulation (1) are complete and in-service, (2) are not complete and in-service as of October 24, 2022, but which the Company anticipates will be complete and in-service by October 31, 2022, or (3) the Company anticipates will not be complete and in-service by October 31, 2022.

In compliance with the Stipulation, NW Natural files the attestation of Zachary D. Kravitz, Vice President, Rates & Regulatory Affairs. Attachment 1 to Mr. Kravitz's attestation is an updated version of Appendix C to the Stipulation. Attachment 1 identifies which of the projects listed therein (1) are complete and in-service, (2) are not complete and in-service as of October 24, 2022, but which the Company anticipates will be complete and in-service by October 31, 2022, or (3) the Company anticipates will not be complete and in-service by October 31, 2022. For the projects listed in the attached updated version of Appendix C to the Stipulation that are complete and in-service or that are anticipated to be complete and in-service by October 31, 2022, the Company has identified the Actual In-Service Date and Actual Completed Cost of each such project. The cost of the identified projects that the Company anticipates will not be completed and placed in-service by October 31, 2022, will be completely removed from rate base for purposes of calculating the rates pursuant to the Stipulation, and rates adjusted accordingly.

Public Utility Commission of Oregon Consolidated UG 435/UG 411; NWN Attestation October 24, 2022; Page 2

Mr. Kravitz's attestation also addresses Paragraphs 4, 6 and 7 of the Stipulation regarding depreciation expense, the Horizon 1 Start-Up Cost Deferral and the TSA Security Directive Deferral, respectively.

Please note that NW Natural is filing a non-confidential version and a highly confidential version, which contains information that represents business-sensitive, non-public information and will be provided subject to Modified Protective Order No. 21-465.

Please do not hesitate to call if you have any questions about this matter.

Respectfully submitted,

/s/ Eric W. Nelsen

Eric W. Nelsen Senior Regulatory Attorney (OSB #192566) Northwest Natural Gas Company

BEFORE THE PUBLIC UTILITY COMMISSION

OF OREGON

UG 435 AND UG 411

In the Matter of
NW NATURAL GAS COMPANY D/B/A NW NATURAL
Request for a General Rate Revision (UG 435), and
Advice 20-19, Schedule 198 Renewable Natural Gas Recovery Mechanism (ADV 1215) (UG 411).

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OFFICER ATTESTATION OF ZACHARY D. KRAVITZ

STATE OF OREGON)
) ss
COUNTY OF MULTNOMAH)

- 5 I, Zachary D. Kravitz, being first duly sworn an oath, depose and say:
- My name is Zachary D. Kravitz. I am employed by Northwest Natural Gas Company
 dba NW Natural ("NW Natural" or the "Company") as Vice President, Rates &
 Regulatory Affairs.
 - 2. I am making this attestation in compliance with the Multi-Party Stipulation filed in these dockets on May 31, 2022 (the "Stipulation").
 - 3. Attachment 1 to this attestation is an updated version of Appendix C to the Stipulation, in accordance with Paragraph 3 of the Stipulation. Attachment 1 identifies which of the projects listed therein (1) are complete and in-service, (2) are not complete and in-service as of October 24, 2022, but which the Company anticipates will be complete and in-service by October 31, 2022, or (3) the Company anticipates will not be complete and in-service by October 31, 2022. For the projects

listed in the attached updated version of Appendix C to the Stipulation that are
complete and in-service or anticipated to be complete and in-service by October 31,
2022, the Company has identified the in-service date and actual costs of the projects.
The cost of the identified projects that the Company anticipates will not be completed
and placed in-service by October 31, 2022, will be completely removed from rate
base for purposes of calculating the rates pursuant to the Stipulation, and rates
adjusted accordingly. Consistent with Paragraph 3.b of the Stipulation, for the
projects related to TSA Security Directive 2, NW Natural has prepared a separate list
of each project ("TSA Project List") as well as the final cost of each project that will
be shared with parties that are qualified to view the materials pursuant to the
Modified Protective Order in this docket, Order No. 21-465 in the same manner that a
version of the TSA Project List was shared with such parties on June 15, 2022.

- 4. In accordance with Paragraph 4 of the Stipulation, the change to the depreciation expense approved in Docket UM 2214, Order No. 22-322 is expected to reduce revenue requirement by \$1.03 million, subject to a final order being issued in this proceeding. In the Company's forthcoming compliance filing, the Company will adjust the revenue requirement set forth in the Stipulation accordingly and will allocate that change to all rate schedules on an equal percent of margin basis.
- 5. In accordance with Paragraph 6 of the Stipulation regarding the Horizon 1 Start-Up Cost Deferral, the Company provides the following demonstration of compliance with the terms of the stipulation approved in Order No. 21-246 and includes as Attachment 2 to this attestation a final amortization schedule for the deferral, which will be filed annually coincident with the Company's purchased gas adjustment to

reflect the current modified blended treasury rate. Condition 1 of the stipulation approved in Order No. 21-246 states that "[u]p to \$8.55 million of Oregon-allocated costs are eligible for full deferral." The Oregon-allocated operation and maintenance ("O&M") start-up costs associated with Horizon 1 equals \$7.99 million. Because the Oregon-allocated O&M start-up costs associated with Horizon 1 do not exceed \$8.55 million, there is no sharing of costs pursuant to the cost sharing mechanism set forth in Condition 2 of the stipulation approved in Order No. 21-246. In accordance with Condition 4 of the stipulation approved in Order No. 21-246, prior to a Commission order authorizing amortization, costs that NW Natural has deferred have accrued interest at the Company's authorized rate of return. In accordance with Condition 5 of the stipulation approved in Order No. 21-246, after the Commission issues an order authorizing amortization, costs that are to be amortized will accrue interest at the modified blended treasury rate plus 100 basis points. Paragraph 5 of the Stipulation states that the Company will amortize the Horizon 1 Start-Up Cost Deferral over 10 years beginning November 1, 2022, subject to the terms of the stipulation approved in Order No. 21-246.

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6. In accordance with Paragraph 7 of the Stipulation regarding the TSA Security
Directive Deferral, the Company provides in Attachment 3 to this attestation the
balance of the deferral by October 31, 2022. Because the amount of the actual
balance of the deferral is less than the amount proposed in the Initial Filing, the
Company will remove the excess amount from temporary rates in its forthcoming
compliance filing.

1	I declare under penalty of perjury under the laws of the State of Oregon that the foregon
2	is true and correct based on my information and belief.
3	Signed this 24 th day of October 2022, at Portland, Oregon.
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5	Zachary D Kravitz
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7	SUBSCRIBED AND SWORN to be before this 24 th day of October 2022.
8	OFFICIAL STAMP OFFICIAL STAMP OASSE à R. Clum
9	CASSIAN OREGON Notary Public, State of Oregon
0	NOTARY NO. 1008290 COMMISSION NO. 1008290 My Commission Expires FEBRUARY 8, 2025 MY COMMISSION EXPIRES FEBRUARY 8, 2025

NW Natural UG 435 - Appendix C

	Dollars in Millions						
Project Name	Expected In- Service Date	Forecasted Cost in GRC		Actual In- Service Date	Actual Completed Cost		
Horizon 1	Jul-22	\$	63.7	Sep-22	\$	65.6	
Kuebler Blvd Reinforcement	0.1.22		24.2	0 -1 22		18.2	
	Oct-22 Nov-22	\$	21.3	Oct-22	\$	16.9	
Lincoln City Resource Center [1][2]		\$	14.2	Oct-22	\$		
Astoria/Warrenton Resource Center	May-22	\$	11.7	Nov-21	\$	12.7	
Central Resource Center (Phase 1)	Oct-22	\$	10.1	Feb-22	\$	12.6	
M365 Implementation Program (Cloud Based)	Oct-22	\$	6.6	Oct-22	\$	7.6	
NLNG Pretreatment Regeneration Improvements	Oct-22	\$	5.1	Jul-22	\$	5.8	
Mist 300-400 Upgrade	May-22	\$	3.5	Dec-21	\$	4.2	
T&S Enterprise Foundations - System Integration Platform Implementation [3]	Oct-22	\$	3.5	Oct-22	\$	10.6	
P31 - McMinnville [1]	Dec-22	\$	3.4	Oct-22	\$	3.5	
Mist Well Rework 2022	Oct-22	\$	3.3	Sep-22	\$	3.6	
Mist Well Rework 2021 [4]	Oct-22	\$	3.1	Sep-21	\$	2.0	
T&S Enterprise Foundations - Data Reporting & Analytics [3]	Oct-22	\$	2.9	Oct-22	\$	10.6	
Γech Refresh - Voice Radio	May-22	\$	2.9	Oct-22	\$	3.4	
EO4 - 6 and 8 inch ILI Conversion [5]	Oct-22	\$	2.8				
Mist Corrossion Abatement 4	Jul-22	\$	2.7	Jul-22	\$	3.0	
Fualatin Sherwood Rd. Grading	Oct-22	\$	2.6	Oct-22	\$	7.0	
E15 - S. Eugene Trans	Jun-22	\$	2.2	Apr-22	\$	3.1	
Calvin Creek Electric Conductor Replacement	Jun-22	\$	2.0	Apr-22	\$	2.5	
Tech Refresh - Telemetry [2][6]	Oct-22	\$	1.2	Oct-22	\$	0.6	
NLNG T-1 Foundation Heating	Oct-22	\$	1.7	Sep-22	\$	2.4	
Mist Electrical Systems Updates	Oct-22	\$	1.7	Oct-22	Ś	2.9	
Natural Forces Projects [5]	Oct-22	\$	1.4				
EO8 Springfield Trans 8 in. ILI	Oct-22	\$	1.4	Oct-22	\$	2.2	
Newport Switchgear Replacement [5]	Oct-22	\$	1.3				
Physical Security Enhancements Program [5]	Oct-22	\$	1.1				
PLNG Boil Off Compressor [5]	Oct-22	\$	1.1				
300-400 Cooler Replacement	Jul-22	\$	0.8	Sep-22	\$	2.3	
817th and Jackson Measurement [2]	Oct-22	\$	0.8	Oct-22	\$	0.1	
202437 Mist GC 600 Compressor Rebuild	Aug-22	\$	0.7	Sep-22	\$	0.6	
300-400 Header Valve Automation	Aug-22 Aug-22	\$	0.7	Jun-22	\$	0.6	
	-	\$	0.6	Juli-22	ş	0.7	
FBD1845 Fire System Upgrade [5]	Sep-22	\$		A.v. 22	\$	0.8	
202438 Mist GC500 Compressor Rebuild	Jun-22		0.6	Aug-22	Ş	0.8	
Miller Station TI [5]	Oct-22	\$	0.5				
BD52418 PLNG Glycol Heat Exchanger	Sep-22	\$	0.5	Oct-22	\$	0.1	
202286 Miller Station Level Controller Upgrade	Mar-22	\$	0.5	Aug-22	\$	0.6	
300-400 Heavy Piston Upgrade	Sep-22	\$	0.4	Jul-22	\$	0.5	
300-400 Suction and Recycle Control Valve	Sep-22	\$	0.4	Jun-22	\$	0.8	
GC500&GC600 Separator Dump Valve Upgrade	Oct-22	\$	0.4	Sep-22	\$	0.2	
TBD1843 300-400 Hot Start Rebuild	Sep-22	\$	0.3	Oct-22	\$	0.3	
202440 Als and Reichfold Becker valves	Dec-22	\$	0.2	Aug-22	\$	0.3	
202407 Delta & Green Acres Dist Reg	May-22	\$	0.2	Oct-22	\$	0.2	
202370 Mist GC 500 HMI and Controls Upgrade [5]	Jul-22	\$	0.2				

^[1] The Expected In-Service Date of this project should have read Oct-22.

^[2] The Company anticipates that this project will be complete and in-service by October 31, 2022.

^[3] These two sub-projects, or work streams, were part of a larger project, "IT&S Enterprise Foundations". The actual completed cost is the combined project cost with an estimate of \$6.4M and an actual of \$10.6M.

^[4] The Expected In-Service Date of this project should have read Dec-21.

^[5] The Company does not anticipate that this project will be complete and in-service by October 31, 2022.

^[6] The Forecasted Cost in GRC should have read \$1.2M rather than \$1.7M.

Northwest Natural Gas Company Oregon Amortization of Horizon 1 O&M Deferral

Horizon Start-up Costs \$
Interest on Deferral 5
Deferral including Interest Interest rate
Years \$

7,990,787 571,817 8,562,604 2.820% (MBT plus 100bps) 10.00

Collection from

1 Debit (Credit)

3	Month/Voor	Noto	Principal	Interest	Interest	Collection from	Dringinal Palanco
4 5	Month/Year (a)	Note (b)	Principal (c)	Interest (e1)	Rate (e2)	Customers (f)	Principal Balance (q)
6 7							
8	Beginning Balance						\$8,562,604
9 10	Nov-22 Dec-22		(\$71,355) (\$71,355)	(\$19,954) (\$19,787)	2.82% 2.82%	(\$91,309) (\$91,142)	\$8,491,249 \$8,419,894
11	Jan-23		(\$71,355)	(\$19,619)	2.82%	(\$90,974)	\$8,348,539
12 13	Feb-23 Mar-23		(\$71,355) (\$71,355)	(\$19,451) (\$19,284)	2.82% 2.82%	(\$90,806) (\$90,639)	\$8,277,184 \$8,205,829
14	Apr-23		(\$71,355)	(\$19,116)	2.82%	(\$90,471)	\$8,134,474
15 16	May-23 Jun-23		(\$71,355) (\$71,355)	(\$18,948) (\$18,781)	2.82% 2.82%	(\$90,303) (\$90,136)	\$8,063,119 \$7,991,763
17	Jul-23		(\$71,355)	(\$18,613)	2.82%	(\$89,968)	\$7,920,408
18 19	Aug-23 Sep-23		(\$71,355) (\$71,355)	(\$18,445) (\$18,278)	2.82% 2.82%	(\$89,800) (\$89,633)	\$7,849,053 \$7,777,698
20	Oct-23		(\$71,355)	(\$18,110)	2.82%	(\$89,465)	\$7,706,343
21 22	Nov-23 Dec-23		(\$71,355) (\$71,355)	(\$17,942) (\$17,775)	2.82% 2.82%	(\$89,297) (\$89,130)	\$7,634,988 \$7,563,633
23	Jan-24		(\$71,355)	(\$17,607)	2.82%	(\$88,962)	\$7,492,278
24 25	Feb-24 Mar-24		(\$71,355) (\$71,355)	(\$17,439) (\$17,271)	2.82% 2.82%	(\$88,794) (\$88,627)	\$7,420,923 \$7,349,568
26	Apr-24		(\$71,355)	(\$17,104)	2.82%	(\$88,459)	\$7,278,213
27	May-24		(\$71,355) (\$71,355)	(\$16,936)	2.82%	(\$88,291)	\$7,206,858
28 29	Jun-24 Jul-24		(\$71,355) (\$71,355)	(\$16,768) (\$16,601)	2.82% 2.82%	(\$88,123) (\$87,956)	\$7,135,503 \$7,064,148
30 31	Aug-24 Sep-24		(\$71,355) (\$71,355)	(\$16,433)	2.82% 2.82%	(\$87,788)	\$6,992,793
32	Oct-24		(\$71,355)	(\$16,265) (\$16,098)	2.82%	(\$87,620) (\$87,453)	\$6,921,438 \$6,850,083
33 34	Nov-24 Dec-24		(\$71,355) (\$71,355)	(\$15,930) (\$15,763)	2.82% 2.82%	(\$87,285) (\$87,117)	\$6,778,728 \$6,707,373
35	Jan-25		(\$71,355)	(\$15,762) (\$15,595)	2.82%	(\$86,950)	\$6,636,018
36	Feb-25		(\$71,355)	(\$15,427)	2.82%	(\$86,782)	\$6,564,663
37 38	Mar-25 Apr-25		(\$71,355) (\$71,355)	(\$15,259) (\$15,092)	2.82% 2.82%	(\$86,614) (\$86,447)	\$6,493,308 \$6,421,953
39	May-25		(\$71,355)	(\$14,924)	2.82%	(\$86,279)	\$6,350,598
40 41	Jun-25 Jul-25		(\$71,355) (\$71,355)	(\$14,756) (\$14,589)	2.82% 2.82%	(\$86,111) (\$85,944)	\$6,279,243 \$6,207,888
42	Aug-25		(\$71,355)	(\$14,421)	2.82%	(\$85,776)	\$6,136,533
43 44	Sep-25 Oct-25		(\$71,355) (\$71,355)	(\$14,253) (\$14,085)	2.82% 2.82%	(\$85,608) (\$85,441)	\$6,065,178 \$5,993,823
45	Nov-25 Dec-25		(\$71,355)	(\$13,918)	2.82%	(\$85,273) (\$85,105)	\$5,922,468
46 47	Dec-25 Jan-26		(\$71,355) (\$71,355)	(\$13,750) (\$13,582)	2.82% 2.82%	(\$85,105) (\$84,937)	\$5,851,113 \$5,779,758
48	Feb-26		(\$71,355)	(\$13,415)	2.82%	(\$84,770)	\$5,708,402
49 50	Mar-26 Apr-26		(\$71,355) (\$71,355)	(\$13,247) (\$13,079)	2.82% 2.82%	(\$84,602) (\$84,434)	\$5,637,047 \$5,565,692
51	May-26		(\$71,355)	(\$12,912)	2.82%	(\$84,267)	\$5,494,337 \$5,422,982
52 53	Jun-26 Jul-26		(\$71,355) (\$71,355)	(\$12,744) (\$12,576)	2.82%	(\$84,099) (\$83,931)	\$5,422,982 \$5,351,627
54	Aug-26		(\$71,355)	(\$12,409)	2.82%	(\$83,764)	\$5,280,272
55 56	Sep-26 Oct-26		(\$71,355) (\$71,355)	(\$12,241) (\$12,073)	2.82% 2.82%	(\$83,596) (\$83,428)	\$5,208,917 \$5,137,562
57	Nov-26		(\$71,355)	(\$11,906)	2.82%	(\$83,261)	\$5,066,207
58 59	Dec-26 Jan-27		(\$71,355) (\$71,355)	(\$11,738) (\$11,570)	2.82% 2.82%	(\$83,093) (\$82,925)	\$4,994,852 \$4,923,497
60	Feb-27		(\$71,355)	(\$11,403)	2.82%	(\$82,758)	\$4,852,142
61 62	Mar-27 Apr-27		(\$71,355) (\$71,355)	(\$11,235) (\$11,067)	2.82% 2.82%	(\$82,590) (\$82,422)	\$4,780,787 \$4,709,432
63	May-27		(\$71,355)	(\$10,899)	2.82%	(\$82,255)	\$4,638,077
64 65	Jun-27 Jul-27		(\$71,355) (\$71,355)	(\$10,732) (\$10,564)	2.82% 2.82%	(\$82,087) (\$81,919)	\$4,566,722 \$4,495,367
66	Aug-27		(\$71,355)	(\$10,396)	2.82%	(\$81,751)	\$4,424,012
67 68	Sep-27 Oct-27		(\$71,355) (\$71,355)	(\$10,229) (\$10,061)	2.82% 2.82%	(\$81,584) (\$81,416)	\$4,352,657 \$4,281,302
69	Nov-27		(\$71,355)	(\$9,893)	2.82%	(\$81,248)	\$4,209,947
70 71	Dec-27 Jan-28		(\$71,355) (\$71,355)	(\$9,726) (\$9,558)	2.82% 2.82%	(\$81,081) (\$80,913)	\$4,138,592 \$4,067,237
72	Feb-28		(\$71,355)	(\$9,390)	2.82%	(\$80,745)	\$3,995,882
73 74	Mar-28 Apr-28		(\$71,355) (\$71,355)	(\$9,223) (\$9,055)	2.82% 2.82%	(\$80,578) (\$80,410)	\$3,924,527 \$3,853,172
75	May-28		(\$71,355)	(\$8,887)	2.82%	(\$80,242)	\$3,781,817
76 77	Jun-28 Jul-28		(\$71,355) (\$71,355)	(\$8,720) (\$8,552)	2.82% 2.82%	(\$80,075) (\$79,907)	\$3,710,462 \$3,639,107
78	Aug-28		(\$71,355)	(\$8,384) (\$8,217)	2.82%	(\$79,739)	\$3,567,752
79 80	Sep-28 Oct-28		(\$71,355) (\$71,355)	(\$8,049)	2.82% 2.82%	(\$79,572) (\$79,404)	\$3,496,397 \$3,425,041
81	Nov-28 Dec-28		(\$71,355) (\$71.355)	(\$7,881) (\$7,713)	2.82% 2.82%	(\$79,236) (\$79,069)	\$3,353,686 \$3,282,331
82 83	Jan-29		(\$71,355)	(\$7,546)	2.82%	(\$79,009)	\$3,210,976
84 85	Feb-29 Mar-29		(\$71,355) (\$71.355)	(\$7,378) (\$7,210)	2.82% 2.82%	(\$78,733) (\$78,565)	\$3,139,621 \$3,068,266
86	Apr-29		(\$71,355)	(\$7,043)	2.82%	(\$78,398)	\$2,996,911
87 88	May-29 Jun-29		(\$71,355) (\$71,355)	(\$6,875) (\$6,707)	2.82%	(\$78,230) (\$78,062)	\$2,925,556 \$2,854,201
89	Jul-29		(\$71,355)	(\$6,540)	2.82%	(\$77,895)	\$2,782,846
90 91	Aug-29 Sep-29		(\$71,355) (\$71,355)	(\$6,372) (\$6,204)	2.82% 2.82%	(\$77,727) (\$77,559)	\$2,711,491 \$2,640,136
92	Oct-29		(\$71,355)	(\$6,037)	2.82%	(\$77,392)	\$2,568,781
93 94	Nov-29 Dec-29		(\$71,355) (\$71.355)	(\$5,869) (\$5,701)	2.82% 2.82%	(\$77,224) (\$77,056)	\$2,497,426 \$2,426,071
95	Jan-30		(\$71,355)	(\$5,534)	2.82%	(\$76,889)	\$2,354,716
96 97	Feb-30 Mar-30		(\$71,355) (\$71,355)	(\$5,366) (\$5,198)	2.82% 2.82%	(\$76,721) (\$76,553)	\$2,283,361 \$2,212,006
98	Apr-30		(\$71,355)	(\$5,031)	2.82%	(\$76,386)	\$2,140,651
99 100	May-30 Jun-30		(\$71,355) (\$71,355)	(\$4,863) (\$4,695)	2.82% 2.82%	(\$76,218) (\$76,050)	\$2,069,296 \$1,997,941
101	Jul-30		(\$71,355)	(\$4,527)	2.82%	(\$75,883)	\$1,926,586
102 103	Aug-30 Sep-30		(\$71,355) (\$71,355)	(\$4,360) (\$4,192)	2.82% 2.82%	(\$75,715) (\$75,547)	\$1,855,231 \$1,783,876
104	Oct-30		(\$71,355)	(\$4,024)	2.82%	(\$75,379)	\$1,712,521
105 106	Nov-30 Dec-30		(\$71,355) (\$71,355)	(\$3,857) (\$3,689)	2.82% 2.82%	(\$75,212) (\$75,044)	\$1,641,166 \$1,569,811
107	Jan-31		(\$71,355) (\$71,355)	(\$3,521)	2.82%	(\$74,876)	\$1,498,456
108 109	Feb-31 Mar-31		(\$71,355)	(\$3,354) (\$3,186)	2.82% 2.82%	(\$74,709) (\$74,541)	\$1,427,101 \$1,355,746
110	Apr-31		(\$71,355)	(\$3,018)	2.82%	(\$74,373)	\$1,284,391
111 112	May-31 Jun-31		(\$71,355) (\$71,355)	(\$2,851) (\$2,683)	2.82% 2.82%	(\$74,206) (\$74,038)	\$1,213,036 \$1,141,680
113	Jul-31		(\$71,355)	(\$2,515)	2.82%	(\$73,870)	\$1,070,325
114 115	Aug-31 Sep-31		(\$71,355) (\$71,355)	(\$2,348) (\$2,180)	2.82% 2.82%	(\$73,703) (\$73,535)	\$998,970 \$927,615
116	Oct-31		(\$71,355)	(\$2,012)	2.82%	(\$73,367)	\$856,260
117 118	Nov-31 Dec-31		(\$71,355) (\$71,355)	(\$1,845) (\$1,677)	2.82% 2.82%	(\$73,200) (\$73,032)	\$784,905 \$713,550
119	Jan-32		(\$71,355)	(\$1,509)	2.82%	(\$72,864)	\$642,195
120 121	Feb-32 Mar-32		(\$71,355) (\$71,355)	(\$1,341) (\$1,174)	2.82% 2.82%	(\$72,697) (\$72,529)	\$570,840 \$499,485
122 123	Apr-32		(\$71,355) (\$71,355)	(\$1,006)	2.82% 2.82%	(\$72,361)	\$428,130
124	May-32 Jun-32		(\$71,355) (\$71,355)	(\$838) (\$671)	2.82%	(\$72,193) (\$72,026)	\$356,775 \$285,420
125 126	Jul-32 Aug-32		(\$71,355) (\$71,355)	(\$503) (\$335)	2.82% 2.82%	(\$71,858) (\$71,690)	\$214,065 \$142,710
127	Sep-32		(\$71,355)	(\$168)	2.82%	(\$71,523)	\$71,355
128 129	Oct-32		(\$71,355)	\$0	2.82%	(\$71,355)	(\$0)
130			-\$8,562,604	-\$1,197,266		-\$9,759,870	

NW Natural
UG 435 - Attachment 3
October 24, 2022 Attestation
TSA Security Directive 2 Cost of Service Deferral





CERTIFICATE OF SERVICE

UG 435 / UG 411

I hereby certify that on October 24, 2022, I have served the unredacted, confidential and highly confidential versions of NW NATURAL'S ATTESTATION FILED PURSUANT TO STIPULATION upon parties of record in docket UG 435 by electronic or FedEx mail.

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DATED October 24, 2022, Troutdale, Oregon.

/s/ Erica Lee-Pella
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