

NORTHWEST PIPELINE LLC

P.O. Box 58900 Salt Lake City, UT 84158-0900 Phone: (801) 584-6864 FAX: (801) 584-7764

January 18, 2019

Ms. Kimberly D. Bose, Secretary Federal Energy Regulatory Commission 888 First Street, N.E. Washington, D.C. 20426

Re: Northwest Pipeline LLC

Docket No. RP19-

Dear Ms. Bose:

Pursuant to Part 154 of the regulations of the Federal Energy Regulatory Commission ("Commission" or "FERC"), Northwest Pipeline LLC ("Northwest") tenders for filing and acceptance the following tariff sheet as part of its FERC Gas Tariff, Fifth Revised Volume No. 1 ("Tariff"):

Twenty-Third Revised Sheet No. 14

By this filing, Northwest proposes an out-of-cycle increase to its fuel reimbursement factor ("Factor") for Northwest's transportation services under Rate Schedules TF-1¹, TF-2, TI-1 and DEX-1 from 1.00% to 1.61%, effective February 1, 2019. The Factor provides in-kind reimbursement to Northwest for fuel gas used and gas lost and unaccounted-for ("L&U") in its transmission system operations.

Statement of Nature, Reasons and Basis for the Filing

Pursuant to Section 14.12 of the General Terms and Conditions ("GT&C") contained in Northwest's Tariff, the Factor is to be determined semi-annually to become effective on April 1 and October 1 of each year. A Factor of 1.00% was established for Northwest's transportation rate schedules to be effective for the six months beginning October 1, 2018. This Factor was based on historical averages of physical deliveries, fuel usage and lost and unaccounted-for gas.

¹ In addition to the Rate Schedule TF-1 Factor, a fixed 0.50% Evergreen Expansion Incremental Surcharge applies to the quantity of gas nominated for receipt at the Sumas, SIPI, or Pacific Pool receipt points under Evergreen Expansion service agreements.

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On October 9, 2018, Enbridge Westcoast Energy Inc.'s ("Enbridge") BC Pipeline experienced a rupture on its system.² Since the Enbridge rupture occurred, shippers have adjusted their flow patterns in a manner that has resulted in increased fuel utilization on Northwest's system that isn't being recovered through the current Factor.

As of November 30, 2018, Northwest's cumulative under recovery of fuel and L&U is approximately 0.7 TBtu. Northwest anticipates the December 2018 and January 2019 under recoveries will be near 0.4 TBtu for each month, bringing Northwest's estimated cumulative under recovery of fuel and L&U as of January 31, 2019, to approximately 1.5 TBtu.³

Given Northwest's limited storage flexibility, Northwest is seeking immediate approval of an out-of-cycle increase to its transportation services Factor from 1.00% to 1.61% effective, February 1, 2019. Increasing the Factor on February 1, 2019, instead of waiting until April 1, 2019, will allow Northwest to begin replenishing its storage inventory in order to minimize the levels and durations of other remedies it has under its Tariff to ensure system reliability, such as, the issuance of entitlements⁴ and operational flow orders. In addition, changing the Factor early will also mitigate the effect of the under recovery of fuel on future Factors by preventing the under recovery from growing and allowing for reimbursement of fuel over a slightly longer period.

The attached Exhibit A and Appendix show the data and formulas used to derive the proposed Factor.⁵

Northwest still intends to make its summer fuel filing in late February, to be effective on April 1, 2019, for Rate Schedules TF-1, TF-2, TI-1, DEX-1, SGS-2F, SGS-2I, LS-2F, LS-3F, LS-2I and LD-4I as outlined in Section 14.12 of the GT&C.

² Enbridge's "Critical Notice" is available at the following link: https://noms.wei-pipeline.com/notices/ci_notice.show?id=50877.

³ The 1.5 TBtu cumulative under recovery of fuel represents 47% of Northwest's total system working gas inventory of 3.2 TBtu.

⁴ Effective January 18, 2019, Northwest has declared a Stage III Entitlement until further notice (*See* Northwest's Critical Notice No. 19-004 dated January 17, 2019, available at http://www.northwest.williams.com).

⁵ The calculation of the Factor is based on the November 2018 actuals, which were booked on a month lag in December 2018 due to Northwest's accounting procedures.

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Filings Pending Before the Commission

In compliance with 18 C.F.R. § 154.204(f), Northwest states that it has no other tariff filings pending before the Commission that may significantly impact this filing.

Effective Date and Waiver Request

Northwest respectfully requests that the Commission expedite the issuance of an order and grant a waiver of the 30-day notice period contained in Section 154.207 of the Commission's regulations. Since Northwest charges fuel-in-kind on nominated quantities, Northwest requests the Commission issue an order on or before January 30, 2019 in order for the new Factor to be applied to the February 1, 2019 timely nomination cycle requests. In the absence of a Commission order by January 30, 2019, Northwest respectfully requests a Commission order by February 8, 2019, with the Factor to be effective February 1, 2019. This will give Northwest's shippers assurance that the new Factor will be in effect on February 1, 2019. It is critical to shippers that the new Factor become effective on the first day of a month because of the way gas is traded. Many shippers acquire gas for a full calendar month, and the applicable fuel factor is relevant to the quantity of gas they need to purchase.

To facilitate this expedited order, Northwest also requests a shortened comment period. Northwest requests that the Commission grant any waivers it may deem necessary for the acceptance of this filing, including waivers of the provisions set forth in Section 14.12 of the GT&C contained in Northwest's Tariff, which provide for the establishment of new transportation services Factors to be effective only on April 1 and October 1 of each year.

Procedural Matters

Pursuant to the applicable provisions in Section 154 of the Commission's regulations, Northwest submits an eTariff .xml filing package, containing the following items:

- Proposed tariff sheet,
- Marked tariff sheet, and
- Transmittal letter, Exhibit A and Appendix.

⁶ Northwest's shippers were notified of this out-of-cycle fuel filing on January 17, 2019, which would request a new Factor of 1.61% to be effective on February 1, 2019 (*See* Northwest's Critical Notice No. 19-004 dated January 17, 2019, available at http://www.northwest.williams.com).

Ms. Kimberly D. Bose January 18, 2019 Page 4 of 4

Service and Communications

In compliance with 18 C.F.R. § 154.7(b), Northwest certifies that copies of this filing have been served electronically upon Northwest's customers and upon interested state regulatory commissions.

All communications regarding this filing should be served by e-mail to:

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Director, Business Development &
Regulatory Affairs
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Stewart J. Merrick Managing Attorney (801) 584-6326 Northwest Pipeline LLC P.O. Box 58900 Salt Lake City, Utah 84158-0900 stewart.merrick@williams.com

The undersigned certifies that the contents of this filing are true and correct to the best of his knowledge and belief and he possesses full power and authority to sign this filing.

Respectfully submitted,

NORTHWEST PIPELINE LLC

David Madsen

Director, Business Development & Regulatory Affairs

Enclosures

STATEMENT OF FUEL USE REQUIREMENTS FACTORS FOR REIMBURSEMENT OF FUEL USE

Applicable to Transportation Service Rendered Under Rate Schedules Contained in this Tariff, Fifth Revised Volume No. 1

The rates set forth on Sheet Nos. 5, 6, 7, 8 and 8-A are exclusive of fuel use requirements. Shipper shall reimburse Transporter in-kind for its fuel use requirements in accordance with Section 14 of the General Terms and Conditions contained herein.

The fuel use reimbursement furnished by Shippers shall be as follows for the applicable Rate Schedules included in this Tariff:

Rate Schedules TF-1, TF-2, TI-1, and DEX-1	1.61 00 %
Rate Schedule TF-1 - Evergreen Expansion	
Incremental Surcharge (1)	0.50%
Rate Schedule TFL-1	_
Rate Schedule TIL-1	_
Rate Schedules SGS-2F and SGS-2I	0.17%
Rate Schedules LS-2F, LS-3F and LS-2I	
Liquefaction	0.53%
Vaporization	0.53%
Rate Schedule LD-4I	
Liquefaction	0.53%

The fuel use factors set forth above shall be calculated and adjusted as explained in Section 14 of the General Terms and Conditions. Fuel reimbursement quantities to be supplied by Shippers to Transporter shall be determined by applying the factors set forth above to the quantity of gas nominated for receipt by Transporter from Shipper for transportation, Jackson Prairie injection, Plymouth liquefaction, Plymouth vaporization, or for deferred exchange, as applicable.

Footnote

(1) In addition to the Rate Schedule TF-1 fuel use requirements factor, the Evergreen Expansion Incremental Surcharge will apply to the quantity of gas nominated for receipt at the Sumas, SIPI or Pacific Pool receipt points under Evergreen Expansion service agreements.

STATEMENT OF FUEL USE REQUIREMENTS FACTORS FOR REIMBURSEMENT OF FUEL USE

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The fuel use reimbursement furnished by Shippers shall be as follows for the applicable Rate Schedules included in this Tariff:

Rate Schedules TF-1, TF-2, TI-1, and DEX-1	1.61%
Rate Schedule TF-1 - Evergreen Expansion	
Incremental Surcharge (1)	0.50%
Rate Schedule TFL-1	_
Rate Schedule TIL-1	_
Rate Schedules SGS-2F and SGS-2I	0.17%
Rate Schedules LS-2F, LS-3F and LS-2I	
Liquefaction	0.53%
Vaporization	0.53%
Rate Schedule LD-4I	
Liquefaction	0.53%

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Footnote

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Northwest Pipeline LLC

Derivation of Fuel Factors to be Effective February 1, 2019

(Section No. refers to the General Terms and Conditions of Northwest's Tariff)

Exhibit A

Calculation for Rate Schedules TF-1, TF-2, TI-1, DEX-1

Line No. 1 2 3 4	Section No. 14.12(a) 14.12(h) 14.12(g)	Description Average April - September fuel usage during last three seasons Projected Evergreen Expansion incremental surcharge reimbursement Cumulative over-recovery of fuel as of Dec. 31, 2018 Total projected fuel usage	Dth 5,078,026 (98,799) (323) 4,978,904	Note No. (i) (vi) (ii)
5 6 7	14.12(b) 14.12(g)	Average projected lost and unaccounted-for Cumulative under-recovery of L&U as of Dec. 31, 2018 Total under-recovery projected lost and unaccounted-for gas	0 662,461 662,461	(iii) (iv)
8	14.12(c)	Quantities to be credited by Northwest	0	
9	14.12(e)	Total projected fuel and lost and unaccounted-for gas usage	5,641,365	
10	14.12(d)	Projected transportation receipts	350,148,677	(v)
11	14.12(e)	Factor (line 9 divided by line 10)	1.61%	
	Actual A	projected as follows: pril - September 2018 fuel usage		
		pril - September 2017 fuel usage pril - September 2016 fuel usage	4,803,150 5,252,925	
		erage April - September fuel usage during last three seasons	5,078,026	
(ii)	Fuel usage	true-up adjustment calculated as follows:		
	Actual J Fuel Adj	e over-recovery of fuel as of Jun. 30, 2018 per true-up adj. in Oct. 1, 2018 filing uly - December 2018 fuel usage ustment before fuel reimbursements	(895,803) 5,400,200 0 4,504,397	
	General : Evergree Total Fuel	- December 2018 fuel reimbursements system reimbursements en Expansion incremental surcharge reimbursements Reimbursements	4,414,731 89,989 4,504,720	
	Cumulative	over-recovery of fuel as of Dec. 31, 2018	(323)	

Northwest Pipeline LLC

Derivation of Fuel Factors to be Effective February 1, 2019

Exhibit A (continued)

Calculation for Rate Schedules TF-1, TF-2, TI-1, DEX-1

Notes to Page 1 of Exhibit A (continued)

(iii) Lost and unaccounted-for gas projected as follows: Twelve months ended December 2018 actual lost and unaccounted-for (986,328). Twelve months ended December 2016 actual lost and unaccounted-for (986,328). Twelve months ended December 2016 actual lost and unaccounted-for (582,249). Average twelve months lost and unaccounted-for gas during last three years (582,249). Average twelve months lost and unaccounted-for gas during last three years (445,466). Six month lost and unaccounted-for gas during last three years (222,703). Out of period adjustments or other forecast adjustments (222,703). Out of period adjustments or other forecast adjustments (222,703). Average projected lost and unaccounted-for (986,246). Average projected lost and unaccounted-for (986,246). Average projected lost and unaccounted-for (986,246). Actual July - December 2018 lost and unaccounted-for (986,246). Actual July - December 2018 lost and unaccounted-for (987,053). Cumulative under-recovery (986,246). Actual July - December 2018 Lost and unaccounted-for gas (67,053). Cumulative under-recovery of L&U as of Dec. 31, 2018. Actual April - September 2018 delivered transportation (67,053). Actual April - September 2018 delivered transportation (97,053). Actual April - September 2016 delivered transportation (987,053). Actual April - September 2019 delivered transportation (987,054). Actual	Total to Fage For Exhibit A Continued)	Dth
Twelve months ended December 2017 actual lost and unaccounted-for (582,249) Twelve months ended December 2016 actual lost and unaccounted-for (582,249) Average twelve months lost and unaccounted-for gas during last three years (445,406) Six month lost and unaccounted-for gas (twelve month average divided by 2) (222,703) Out of period adjustments or other forecast adjustments 222,703 (1) Average projected lost and unaccounted-for (22,703) Average projected lost and unaccounted-for (22,703) (iv) Lost and unaccounted-for gas true-up adjustment determined as follows: Cumulative under-recovery of L&U as of Jun. 30, 2018 per true-up adj. in Oct. 1, 2018 filling 584,351 Actual July - December 2018 lost and unaccounted-for (21,057) Total under-recovery (21,058) Less: reimbursements collected between July - Dec 2018 for lost and unaccounted-for gas (67,053) Cumulative under-recovery of L&U as of Dec. 31, 2018 (v) Transportation receipt quantities projected as follows: Actual April - September 2018 delivered transportation 381,844,166 Actual April - September 2016 delivered transportation 321,820,652 Actual April - September 2016 delivered transportation 329,860,721 Average April - September 2019 delivered transportation 344,408,513 Projected April - September 2019 fuel and lost and unaccounted-for gas receipts 5,641,365 Projected Evergreen Expansion incremental surcharge reimbursement 98,799 Projected transportation receipts Actual April - September 2018 delivered transportation 20,378,412 Actual April - September 2018 delivered transportation 18,305,228 Actual April - September 2018 delivered transportation 19,354,821 Projected April - September 2018 delivered transportation 19,354,821 Projected April - September 2019 delivered transp	(iii) Lost and unaccounted-for gas projected as follows:	
Out of period adjustments or other forecast adjustments Average projected lost and unaccounted-for (iv) Lost and unaccounted-for gas true-up adjustment determined as follows: Cumulative under-recovery of L&U as of Jun. 30, 2018 per true-up adj. in Oct. 1, 2018 filling Actual July - December 2018 lost and unaccounted-for Total under-recovery 11,057 Total under-recovery 1595,408 Less: reimbursements collected between July - Dec 2018 for lost and unaccounted-for gas Cumulative under-recovery of L&U as of Dec. 31, 2018 (v) Transportation receipt quantities projected as follows: Actual April - September 2018 delivered transportation Actual April - September 2017 delivered transportation Average April - September 2019 delivered transportation during last three seasons Projected April - September 2019 fuel and lost and unaccounted-for gas receipts Projected April - September 2019 fuel and lost and unaccounted-for gas receipts Projected Evergreen Expansion incremental surcharge reimbursement 98,799 Projected transportation receipts Actual April - September 2018 delivered transportation (vi) Evergreen Expansion incremental surcharge reimbursement projected as follows: Actual April - September 2019 delivered transportation Actual April - September 2019 fuel and lost and unaccounted-for gas receipts Actual April - September 2018 delivered transportation Actual April - September 2018 delivered transportation Actual April - September 2018 delivered transportation Actual April - September 2018 delivered transportation 19,330,823 Actual April - September 2019 delivered transportation 19,330,823 Average April - September 2019 fuel and lost and unaccounted-for gas receipts using a factor of 1.55% plus 0.50% incremental surcharge Projected April - September 2019 fuel and lost and unaccounted-for gas receipts using a factor of 1.55% plus 0.50% incremental surcharge 19,759,899 Projected April - September 2019 fuel and lost and unaccounted-for gas receipts using a factor of 1.55% plus 0.50% incremental surcharge 19,759,899	Twelve months ended December 2017 actual lost and unaccounted-for Twelve months ended December 2016 actual lost and unaccounted-for	(986,328) (582,249)
Cumulative under-recovery of L&U as of Jun. 30, 2018 per true-up adj. in Oct. 1, 2018 filling Actual July - December 2018 lost and unaccounted-for Total under-recovery Less: reimbursements collected between July - Dec 2018 for lost and unaccounted-for gas Cumulative under-recovery of L&U as of Dec. 31, 2018 (v) Transportation receipt quantities projected as follows: Actual April - September 2018 delivered transportation Actual April - September 2017 delivered transportation Actual April - September 2016 delivered transportation Average April - September delivered transportation Average April - September 2019 delivered transportation Areage April - September 2019 fuel and lost and unaccounted-for gas receipts Projected April - September 2019 fuel and lost and unaccounted-for gas receipts Projected Evergreen Expansion incremental surcharge reimbursement Projected transportation receipts Actual April - September 2018 delivered transportation Actual April - September 2016 delivered transportation Actual April - September 2016 delivered transportation Average April - September 2016 delivered transportation Projected April - September 2019 fuel and lost and unaccounted-for gas receipts Using a factor of 1.55% plus 0.50% incremental surcharge Projected April - September 2019 fuel and lost and unaccounted-for gas receipts Using a factor of 1.55% plus 0.50% incremental surcharge 405,077.93 Projected April - September 2019 receipts for Evergreen Expansion shippers Evergreen Expansion incremental surcharge 0.50%	Out of period adjustments or other forecast adjustments	222,703 (1)
Actual July - December 2018 lost and unaccounted-for Total under-recovery 595,408 Less: reimbursements collected between July - Dec 2018 for lost and unaccounted-for gas (67,053) Cumulative under-recovery of L&U as of Dec. 31, 2018 (v) Transportation receipt quantities projected as follows: Actual April - September 2018 delivered transportation 321,820,652 Actual April - September 2017 delivered transportation 321,820,652 Actual April - September 2016 delivered transportation 329,860,721 Average April - September delivered transportation 344,408,513 Projected April - September 2019 fuel and lost and unaccounted-for gas receipts 5,641,365 Projected Evergreen Expansion incremental surcharge reimbursement 98,799 Projected transportation receipts 350,148,677 (vi) Evergreen Expansion incremental surcharge reimbursement projected as follows: Actual April - September 2018 delivered transportation 20,378,412 Actual April - September 2018 delivered transportation 18,305,228 Actual April - September 2016 delivered transportation 20,378,412 Actual April - September 2016 delivered transportation 19,380,823 Average April - September delivered transportation 19,354,821 Projected April - September 2019 delivered transportation 19,354,821 Projected April - September 2019 fuel and lost and unaccounted-for gas receipts using a factor of 1.55% plus 0.50% incremental surcharge 405,077.93 Projected April - September 2019 receipts for Evergreen Expansion shippers 19,759,899 Evergreen Expansion incremental surcharge 0.50%	(iv) Lost and unaccounted-for gas true-up adjustment determined as follows:	
Actual April - September 2018 delivered transportation Actual April - September 2017 delivered transportation Actual April - September 2016 delivered transportation Average April - September 2016 delivered transportation Average April - September delivered transportation during last three seasons Projected April - September 2019 delivered transportation Projected April - September 2019 fuel and lost and unaccounted-for gas receipts Projected Evergreen Expansion incremental surcharge reimbursement Projected transportation receipts Actual April - September 2018 delivered transportation Actual April - September 2018 delivered transportation Actual April - September 2016 delivered transportation Actual April - September 2016 delivered transportation Actual April - September 2016 delivered transportation Average April - September delivered transportation Projected April - September 2019 fuel and lost and unaccounted-for gas receipts using a factor of 1.55% plus 0.50% incremental surcharge Projected April - September 2019 receipts for Evergreen Expansion shippers Evergreen Expansion incremental surcharge 0.50%	Actual July - December 2018 lost and unaccounted-for Total under-recovery Less: reimbursements collected between July - Dec 2018 for lost and unaccounted-for gas	11,057 595,408 (67,053)
Actual April - September 2017 delivered transportation Actual April - September 2016 delivered transportation Average April - September delivered transportation during last three seasons Projected April - September 2019 delivered transportation Projected April - September 2019 fuel and lost and unaccounted-for gas receipts Projected Evergreen Expansion incremental surcharge reimbursement Projected transportation receipts Actual April - September 2018 delivered transportation Actual April - September 2018 delivered transportation Actual April - September 2018 delivered transportation Actual April - September 2016 delivered transportation Actual April - September 2016 delivered transportation Average April - September 2016 delivered transportation Average April - September 2019 delivered transportation Projected April - September 2019 delivered transportation Projected April - September 2019 delivered transportation Projected April - September 2019 fuel and lost and unaccounted-for gas receipts using a factor of 1.55% plus 0.50% incremental surcharge Projected April - September 2019 receipts for Evergreen Expansion shippers Evergreen Expansion incremental surcharge 19,759,899 Evergreen Expansion incremental surcharge 0.50%	(v) Transportation receipt quantities projected as follows:	
Projected April - September 2019 fuel and lost and unaccounted-for gas receipts Projected Evergreen Expansion incremental surcharge reimbursement Projected transportation receipts (vi) Evergreen Expansion incremental surcharge reimbursement projected as follows: Actual April - September 2018 delivered transportation Actual April - September 2017 delivered transportation Actual April - September 2016 delivered transportation Average April - September delivered transportation uning last three seasons Projected April - September 2019 delivered transportation Projected April - September 2019 fuel and lost and unaccounted-for gas receipts using a factor of 1.55% plus 0.50% incremental surcharge Projected April - September 2019 receipts for Evergreen Expansion shippers Evergreen Expansion incremental surcharge 0.50%	Actual April - September 2017 delivered transportation Actual April - September 2016 delivered transportation	321,820,652 329,860,721
Actual April - September 2018 delivered transportation 20,378,412 Actual April - September 2017 delivered transportation 18,305,228 Actual April - September 2016 delivered transportation 19,380,823 Average April - September delivered transportation during last three seasons 19,354,821 Projected April - September 2019 delivered transportation 19,354,821 Projected April - September 2019 fuel and lost and unaccounted-for gas receipts using a factor of 1.55% plus 0.50% incremental surcharge 405,077.93 Projected April - September 2019 receipts for Evergreen Expansion shippers 19,759,899 Evergreen Expansion incremental surcharge 0.50%	Projected April - September 2019 fuel and lost and unaccounted-for gas receipts Projected Evergreen Expansion incremental surcharge reimbursement	5,641,365 98,799
Actual April - September 2017 delivered transportation 18,305,228 Actual April - September 2016 delivered transportation 19,380,823 Average April - September delivered transportation during last three seasons 19,354,821 Projected April - September 2019 delivered transportation 19,354,821 Projected April - September 2019 fuel and lost and unaccounted-for gas receipts using a factor of 1.55% plus 0.50% incremental surcharge 405,077.93 Projected April - September 2019 receipts for Evergreen Expansion shippers 19,759,899 Evergreen Expansion incremental surcharge 0.50%	(vi) Evergreen Expansion incremental surcharge reimbursement projected as follows:	
Projected April - September 2019 fuel and lost and unaccounted-for gas receipts using a factor of 1.55% plus 0.50% incremental surcharge Projected April - September 2019 receipts for Evergreen Expansion shippers Evergreen Expansion incremental surcharge 0.50%	Actual April - September 2017 delivered transportation Actual April - September 2016 delivered transportation	18,305,228 19,380,823
Projected April - September 2019 receipts for Evergreen Expansion shippers 19,759,899 Evergreen Expansion incremental surcharge 0.50%	Projected April - September 2019 fuel and lost and unaccounted-for gas receipts	, ,
Evergreen Expansion incremental surcharge 0.50%		
<u> </u>	Projected Evergreen Expansion incremental surcharge reimbursement	98,799

⁽¹⁾ The average projected L&U for the previous twelve months resulted in an actual loss. This adjustment removes the gain that is derived by averaging the three previous years in order to more accurately reflect expected activity for this fuel filing period.

Northwest Pipeline LLC Detail of 2018 Actuals Used to Derive Fuel Factors to be Effective February 1, 2019 (Dth)

Transportation					
Fuel	Delivered	Lost and	Increase in	Reimburs	sements
<u>Usage</u>	Transportation	<u>Unaccounted</u>	Volumes	System-Wide	<u>Surcharge</u>
909,326	66,313,757	(8,894)	0	768,960	12,985
1,019,995	64,897,831	(8,227)	0	777,982	23,848
739,163	62,197,124	(116,752)	0	761,521	27,662
2,668,484	193,408,712	(133,873)	0	2,308,463	64,495
773,749	60,852,834	193,100	0	729,342	21,206
913,464	69,017,308	83,537	0	613,898	4,272
1,044,503	82,475,967	(131,707)	0	695,975	16
2,731,716	212,346,109	144,930	0	2,039,215	25,494
5,400,200	405,754,821	11,057	0	4,347,678	89,989
	<u>Usage</u> 909,326 1,019,995 739,163 2,668,484 773,749 913,464 1,044,503 2,731,716	Usage Transportation 909,326 66,313,757 1,019,995 64,897,831 739,163 62,197,124 2,668,484 193,408,712 773,749 60,852,834 913,464 69,017,308 1,044,503 82,475,967 2,731,716 212,346,109	Fuel Usage Delivered Transportation Lost and Unaccounted 909,326 66,313,757 (8,894) 1,019,995 64,897,831 (8,227) 739,163 62,197,124 (116,752) 2,668,484 193,408,712 (133,873) 773,749 60,852,834 193,100 913,464 69,017,308 83,537 1,044,503 82,475,967 (131,707) 2,731,716 212,346,109 144,930	Fuel Usage Delivered Transportation Lost and Unaccounted Increase in Volumes 909,326 66,313,757 (8,894) 0 1,019,995 64,897,831 (8,227) 0 739,163 62,197,124 (116,752) 0 2,668,484 193,408,712 (133,873) 0 773,749 60,852,834 193,100 0 913,464 69,017,308 83,537 0 1,044,503 82,475,967 (131,707) 0 2,731,716 212,346,109 144,930 0	Fuel Usage Delivered Transportation Lost and Unaccounted Increase in Volumes Reimburs 909,326 66,313,757 (8,894) 0 768,960 1,019,995 64,897,831 (8,227) 0 777,982 739,163 62,197,124 (116,752) 0 761,521 2,668,484 193,408,712 (133,873) 0 2,308,463 773,749 60,852,834 193,100 0 729,342 913,464 69,017,308 83,537 0 613,898 1,044,503 82,475,967 (131,707) 0 695,975 2,731,716 212,346,109 144,930 0 2,039,215

Reference:

Exhibit A	Exhibit A	Exhibit A
Page 1	Page 2	Page 1
Note (ii)	Note (iv)	Line 8

Northwest Pipeline LLC

Detail of 2018 Actuals Used to Derive Fuel Factors to be Effective February 1, 2019 (Dth)

Allocation of July - December 2018 Transportation Reimbursements

July - September 2018 reimbursements allocated between fuel usage and lost and unaccounted-for gas based on projections and true-ups included in the April 1, 2018 Factor calculation:

Allocation of Projections and True-ups:

 Projected fuel usage
 4,296,934
 108.62%

 Projected lost and unaccounted-for gas
 (341,067)
 -8.62%

 Total projections (includes true-ups)
 3,955,867
 100.00%

Allocation of Reimbursements to:

		Lost and	
	Fuel	Unaccounted	Total
Actual Reimbursements			2,308,463
Allocated percentage	108.62%	-8.62%	100.00%
Allocated reimbursements	2,507,453	(198,990)	2,308,463

October - December 2018 reimbursements allocated between fuel usage and lost and unaccounted-for gas based on projections and true-ups included in the October 1, 2018 Factor calculation:

Allocation of Projections and True-ups:

Projected fuel usage	3,951,551	93.53%
Projected lost and unaccounted-for gas	273,529	6.47%
Total projections (includes true-ups)	4,225,080	100.00%

Allocation of Reimbursements to:

		Lost and	
	Fuel	Unaccounted	Total
Actual Reimbursements			2,039,215
Allocated percentage	93.53%	6.47%	100.00%
Allocated reimbursements	1,907,278	131,937	2,039,215

Total July - December 2018 Allocated Transportation Reimbursements

Allocation of Reimbursements to:

		Lost and	
	Fuel	Unaccounted	Total
July - September 2018	2,507,453	(198,990)	2,308,463
October - December 2018	1,907,278	131,937	2,039,215
	4,414,731	(67,053)	4,347,678
Reference:			
	Exhibit A	Exhibit A	
	Page 1	Page 2	
	Note (ii)	Note (iv)	

Northwest Pipeline LLC
Detail of 2016-2018 Actuals Used to Derive Fuel Factors to be Effective February 1, 2019
(Dth)

Monthly Detail of Historical Transportation Actuals Used to Derive Forecast

North September Delivered Lost and Evergreen Markets September		Transportation				
Month Jan-18 Usage Feb-18 Transportation 96,310 Markets Feb-18 Mar-18 Rar-18 (54,158) (54,158) May-18 782,339 61,714,141 20,914 1,874,208 May-18 995,707 65,580,557 121,486 2,553,997 Jul-18 909,326 66,313,757 (8,894) 4,689,978 Aug-18 1,019,995 64,897,831 (8,227) 5,443,280 Sep-18 739,163 62,197,124 (116,752) 4,170,074 Nov-18 Dec-18 83,537 100 20,378,412 Jan-17 Feb-17 (178,418) (131,707) 20,378,412 Jan-17 Rep-17 892,826 57,591,582 (106,941) 1,753,361 May-17 797,889 58,115,025 (47,927) 2,805,239 Jul-17 798,327 55,727,592 (26,549) 4,221,224 Aug-17 845,320 52,258,500 107,852 5,168,627 Sep-17 609,564 48,487,163 (85,857) 3,216,883 Oct-17 Nov-17 (13,950) (193,022) 1,212,213 May-16 866,856 57,246,315 (31,257)	•				Delivered	
Jan-18		Fuel	Delivered	Lost and	Evergreen	
Feb-18	Month	<u>Usage</u>	Transportation	Unaccounted	Markets	
Mar-18 (31,132) Apr-18 811,472 60,840,756 67,883 1,646,875 May-18 782,339 61,714,141 20,914 1,874,208 Jun-18 915,707 65,580,557 121,486 2,553,997 Jul-18 909,326 66,313,757 (8,894) 4,689,978 Aug-18 1,019,995 64,897,831 (8,227) 5,443,280 Sep-18 739,163 62,197,124 (116,752) 4,170,074 Oct-18 193,100 83,537 100 100 Nov-18 83,537 (108,297) 100	Jan-18			96,310		
Apr-18 811,472 60,840,756 67,883 1,646,875 May-18 782,339 61,714,141 20,914 1,874,208 Jun-18 915,707 65,580,557 121,486 2,553,997 Jul-18 909,326 66,313,757 (8,894) 4,689,978 Aug-18 1,019,995 64,897,831 (8,227) 5,443,280 Sep-18 739,163 62,197,124 (116,752) 4,170,074 Oct-18 193,100 83,537 100 100 Nov-18 83,537 100 20,378,412 106,146 Feb-17 (178,418) 108,297 1,753,361 Mar-17 (108,297) 1,753,361 1,753,361 May-17 797,889 58,115,025 (47,927) 2,805,239 Jun-17 859,224 49,640,790 (79,259) 1,139,894 Jul-17 798,327 55,727,592 (26,549) 4,221,224 Aug-16 609,564 48,487,163 (85,857) 3,216,883 Oct-17	Feb-18			(54,158)		
May-18 782,339 61,714,141 20,914 1,874,208 Jun-18 915,707 65,580,557 121,486 2,553,997 Jul-18 909,326 66,313,757 (8,894) 4,689,978 Aug-18 739,163 62,197,124 (116,752) 4,170,074 Oct-18 193,100 83,537 (131,707) Dec-18 (131,707) 232,360 20,378,412 Jan-17 (196,146) (178,418) (178,418) Mar-17 (108,297) 4,170,074 (178,418) Mar-17 892,826 57,591,582 (106,941) 1,753,361 May-17 797,889 58,115,025 (47,927) 2,805,239 Jun-17 859,224 49,640,790 (79,259) 1,139,894 Jul-17 798,327 55,727,592 (26,549) 4,221,224 Aug-17 845,320 52,258,500 107,852 5,168,627 Sep-17 609,564 48,487,163 (85,857) 3,216,883 Oct-17 (13,950)	Mar-18			(31,132)		
Jun-18 915,707 65,580,557 121,486 2,553,997 Jul-18 909,326 66,313,757 (8,894) 4,689,978 Aug-18 1,019,995 64,897,831 (8,227) 5,443,280 Sep-18 739,163 62,197,124 (116,752) 4,170,074 Oct-18 193,100 83,537 193,100 Nov-18 83,537 (131,707) Jan-17 (196,146) 232,360 20,378,412 Jan-17 (196,146) (178,418) (178,418) Mar-17 (108,297) (178,418) (108,297) Apr-17 892,826 57,591,582 (106,941) 1,753,361 May-17 797,889 58,115,025 (47,927) 2,805,239 Jun-17 859,224 49,640,790 (79,259) 1,139,894 Jul-17 798,327 55,727,592 (26,549) 4,221,224 Aug-17 845,320 52,258,500 107,852 5,168,627 Sep-17 609,564 48,487,163 (85,857) <	Apr-18	811,472	60,840,756	67,883	1,646,875	
Jul-18 909,326 66,313,757 (8,894) 4,689,978 Aug-18 1,019,995 64,897,831 (8,227) 5,443,280 Sep-18 739,163 62,197,124 (116,752) 4,170,074 Nov-18 83,537 (131,707) 10 Dec-18 (131,707) 20,378,412 Jan-17 (196,146) 232,360 20,378,412 Jan-17 (178,418) 4,848 Mar-17 (106,941) 1,753,361 May-17 797,889 58,115,025 (47,927) 2,805,239 Jun-17 859,224 49,640,790 (79,259) 1,139,894 Jul-17 798,327 55,727,592 (26,549) 4,221,224 Aug-17 845,320 52,258,500 107,852 5,168,627 Sep-17 609,564 48,487,163 (85,857) 3,216,883 Oct-17 (57,814) (13,950) 10 Dec-17 (139,022) (193,022) (193,022) Jun-16 818,200 56,181,564		782,339	61,714,141	20,914	1,874,208	
Aug-18 Sep-18 (739,163) 64,897,831 (8,227) 5,443,280 (116,752) 4,170,074 (116,752) 4,170,074 (116,752) 4,170,074 (116,752) 4,170,074 (116,752) 4,170,074 (116,752) 4,170,074 (116,752) 4,170,074 (116,752) 4,170,074 (116,752) 4,170,074 (116,752) 4,170,074 (116,752) 4,170,074 (116,752) 4,170,074 (116,752) 4,170,074 (116,752) 4,170,074 (116,752) 4,170,074 (116,752) 4,170,074 (131,707) 835,537 (131,707) 5,178,002 (131,742) 381,544,166 (18,24) 232,360 (131,753,361) 20,378,412	Jun-18	915,707	65,580,557	121,486	2,553,997	
Sep-18 Oct-18 Nov-18 Oct-18 Nov-18 Dec-18 739,163 62,197,124 (116,752) 193,100 193,10	Jul-18	909,326	66,313,757	(8,894)	4,689,978	
Oct-18 Nov-18 Dec-18 193,100 83,537 (131,707) Jan-17 Feb-17 Mar-17 (196,146) (178,418) May-17 Apr-17 892,826 89,224 57,591,582 49,640,790 (106,941) (79,259) 1,753,361 1,753,361 May-17 Ay-17 859,224 859,224 49,640,790 49,640,790 (79,259) (79,259) 1,139,894 4,221,224 Jul-17 Ag-17 845,320 845,320 52,258,500 52,258,500 107,852 107,852 5,168,627 5,168,627 Sep-17 Oct-17 609,564 48,487,163 (85,857) (85,857) 3,216,883 Jan-16 Feb-16 (37,846) (13,950) (13,950) Jan-16 Feb-16 (37,846) (122,433) (122,433) Apr-16 Mar-16 818,200 48,775,246,315 31,257 (31,257) 3,013,797 3,013,797 3,013,797 3,013,797 Jul-16 905,487 54,542,164 58,889,999 (201,915) (261,843) 2,681,766 2,681,766 (16,314) (272,926) 3,760,957 Nov-16 Nov-16 Dec-16 Exhibit A Page 1 Exhibit A Page 2 Exhibit A Page 2 Exhibit A Page 2	Aug-18	1,019,995	64,897,831	(8,227)	5,443,280	
Nov-18	Sep-18	739,163	62,197,124	(116,752)	4,170,074	
Dec-18 (131,707) 232,360 20,378,412 Jan-17 (196,146) (178,418) Mar-17 (108,297) (108,297) Apr-17 892,826 57,591,582 (106,941) 1,753,361 May-17 797,889 58,115,025 (47,927) 2,805,239 Jun-17 859,224 49,640,790 (79,259) 1,139,894 Jul-17 798,327 55,727,592 (26,549) 4,221,224 Aug-17 845,320 52,258,500 107,852 5,168,627 Sep-17 609,564 48,487,163 (85,857) 3,216,883 Oct-17 (13,950) (139,502) 18,305,228 Jan-16 (231,442) (13,950) 18,305,228 Jan-16 (231,442) (122,433) 2,121,213 May-16 868,856 57,246,315 (31,257) 3,013,797 Jun-16 905,487 54,542,164 (15,553) 3,959,275 Jul-16 827,354 58,889,999 (201,915) 2,681,766	Oct-18			193,100		
Signature Sign				83,537		
Jan-17 Feb-17 Mar-17 Apr-17 Apr-16 Ap	Dec-18			<u></u>		
Feb-17 Mar-17 Mar-17 Apr-17 B59,224 Ap,640,790 Apr-17 Apr-16 Bec-16 Aug-16 Apr-17 Apr-16 Apr-17 Apr-17 Apr-17 Apr-17 Apr-17 Apr-17 Apr-17 Apr-	=	5,178,002	381,544,166	232,360	20,378,412	
Feb-17	Jan-17			(196,146)		
Mar-17 (108,297) Apr-17 892,826 57,591,582 (106,941) 1,753,361 May-17 797,889 58,115,025 (47,927) 2,805,239 Jun-17 859,224 49,640,790 (79,259) 1,139,894 Jul-17 798,327 55,727,592 (26,549) 4,221,224 Aug-17 845,320 52,258,500 107,852 5,168,627 Sep-17 609,564 48,487,163 (85,857) 3,216,883 Oct-17 (13,950) (193,022) 18,305,228 Jan-16 (231,442) (123,433) 18,305,228 Jan-16 (231,442) (122,433) 4,421,243 (122,433) Apr-16 818,200 56,181,564 43,323 2,121,213 2,121,213 May-16 866,856 57,246,315 (31,257) 3,013,797 3,013,797 Jul-16 827,354 58,889,999 (201,915) 2,681,766 Aug-16 974,119 54,223,449 (61,843) 3,843,815 Sep-16 <td></td> <td></td> <td></td> <td></td> <td></td>						
Apr-17 892,826 57,591,582 (106,941) 1,753,361 May-17 797,889 58,115,025 (47,927) 2,805,239 Jun-17 859,224 49,640,790 (79,259) 1,139,894 Jul-17 798,327 55,727,592 (26,549) 4,221,224 Aug-17 845,320 52,258,500 107,852 5,168,627 Sep-17 609,564 48,487,163 (85,857) 3,216,883 Oct-17 (13,950) (13,950) 18,305,228 Jan-16 (37,846) (231,442) Mar-16 (231,442) (4,803,150) 321,820,652 (986,328) 18,305,228 Jan-16 (231,442) (4,803,150) 4,848,163 (37,846) (231,442) Mar-16 (231,442) (4,803,150) 3,784,142 (4,803,150) 3,784,142 Mar-16 (122,433) 4,81,244 (122,433) 3,12,271 3,013,797 Jul-16 868,56 57,246,315 (31,257) 3,013,797 3,013,797 Jul-16				1 1 1		
May-17 797,889 58,115,025 (47,927) 2,805,239 Jun-17 859,224 49,640,790 (79,259) 1,139,894 Jul-17 798,327 55,727,592 (26,549) 4,221,224 Aug-17 845,320 52,258,500 107,852 5,168,627 Sep-17 609,564 48,487,163 (85,857) 3,216,883 Oct-17 (13,950) (139,022) (139,022) Dec-17 (193,022) (1986,328) 18,305,228 Jan-16 (231,442) (122,433) Apr-16 818,200 56,181,564 43,323 2,121,213 May-16 866,856 57,246,315 (31,257) 3,013,797 Jun-16 905,487 54,542,164 (15,553) 3,959,275 Jul-16 827,354 58,889,999 (201,915) 2,681,766 Aug-16 974,119 54,223,449 (61,843) 3,843,815 Sep-16 860,909 48,777,230 68,927 3,760,957 Oct-16 (16,314)		892.826	57.591.582	· · ·	1.753.361	
Jun-17 859,224 49,640,790 (79,259) 1,139,894 Jul-17 798,327 55,727,592 (26,549) 4,221,224 Aug-17 845,320 52,258,500 107,852 5,168,627 Sep-17 609,564 48,487,163 (85,857) 3,216,883 Oct-17 (13,950) (13,950) 10,022) Pec-17 (193,022) (1986,328) 18,305,228 Jan-16 (231,442) (122,433) Apr-16 818,200 56,181,564 43,323 2,121,213 May-16 866,856 57,246,315 (31,257) 3,013,797 Jun-16 905,487 54,542,164 (15,553) 3,959,275 Jul-16 827,354 58,889,999 (201,915) 2,681,766 Aug-16 974,119 54,223,449 (61,843) 3,843,815 Sep-16 860,909 48,777,230 68,927 3,760,957 Oct-16 (16,314) 97,030 19,380,823 Reference: Exhibit A	May-17					
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Aug-17 845,320 52,258,500 107,852 5,168,627 Sep-17 609,564 48,487,163 (85,857) 3,216,883 Oct-17 (13,950) (193,022) (193,022) Jan-16 (37,846) (231,442) Feb-16 (231,442) (122,433) Apr-16 818,200 56,181,564 43,323 2,121,213 May-16 866,856 57,246,315 (31,257) 3,013,797 Jun-16 905,487 54,542,164 (15,553) 3,959,275 Jul-16 827,354 58,889,999 (201,915) 2,681,766 Aug-16 974,119 54,223,449 (61,843) 3,843,815 Sep-16 860,909 48,777,230 68,927 3,760,957 Oct-16 (72,926) (72,926) (72,926) Nov-16 (16,314) (16,314) (16,314) Dec-16 27,030 (582,249) 19,380,823 Reference: Exhibit A Page 1 Page 2 Page 2		,	, ,	1 1 1		
Sep-17 Oct-17 Nov-17 Dec-17 609,564 (85,857) (13,950) (193,022) (193,022) 3,216,883 (57,814) (13,950) (193,022) (193,022) Jan-16 Feb-16 Mar-16 (37,846) (231,442) (122,433) Apr-16 818,200 Apr-16 818,200 Apr-16 866,856 57,246,315 Jul-16 905,487 Jul-16 905,487 Jul-16 827,354 54,542,164 (15,553) Jul-16 827,354 58,889,999 (201,915) Jul-16 827,354 58,889,999 (201,915) Aug-16 974,119 54,223,449 (61,843) Sep-16 860,909 48,777,230 (68,927 (72,926) Nov-16 Dec-16 Dec-16 Exhibit A Page 1 (85,857) (13,950) 56,183,000 54,800,000 57,246,315 (16,843) 3,843,815 68,927 3,760,957 Reference: Exhibit A Page 1 Exhibit A Page 2 Exhibit A Page 2	Aug-17					
Oct-17 Nov-17 Dec-17 (57,814) (13,950) Jan-16 Feb-16 Mar-16 (37,846) (231,442) Apr-16 818,200 56,181,564 57,246,315 43,233 (31,257) 2,121,213 3,013,797 Jun-16 905,487 Jun-16 905,487 54,542,164 Aug-16 974,119 54,223,449 54,223,449 (61,843) (61,843) 3,843,815 3,843,815 Sep-16 860,909 Jun-16 974,119 54,223,449 54,223,449 (61,843) 68,927 3,760,957 3,760,957 Oct-16 Nov-16 Dec-16 Dec-16 Exhibit A Page 1 25,252,925 329,860,721 (582,249) (582,249) 19,380,823 Reference: Exhibit A Page 2 Exhibit A Page 2 Exhibit A Page 2	•					
Nov-17 Dec-17 (13,950) (193,022) 18,305,228 Jan-16 (37,846) (231,442) Feb-16 (231,442) (122,433) Apr-16 818,200 56,181,564 43,323 2,121,213 May-16 866,856 57,246,315 (31,257) 3,013,797 Jun-16 905,487 54,542,164 (15,553) 3,959,275 Jul-16 827,354 58,889,999 (201,915) 2,681,766 Aug-16 974,119 54,223,449 (61,843) 3,843,815 Sep-16 860,909 48,777,230 68,927 3,760,957 Oct-16 (72,926) (16,314) 97,030 19,380,823 Reference: Exhibit A Page 1 Exhibit A Page 2 Exhibit A Page 2	Oct-17			1 1 1		
321,820,652 (986,328) 18,305,228	Nov-17					
Jan-16 Feb-16 Mar-16 Apr-16 818,200 56,181,564 43,323 2,121,213 May-16 866,856 57,246,315 (31,257) 3,013,797 Jun-16 905,487 54,542,164 (15,553) 3,959,275 Jul-16 827,354 58,889,999 (201,915) 2,681,766 Aug-16 974,119 54,223,449 (61,843) 3,843,815 Sep-16 860,909 48,777,230 68,927 3,760,957 Oct-16 Nov-16 (16,314) Dec-16 5,252,925 329,860,721 (582,249) 19,380,823 Reference: Exhibit A Exhibit A Page 1 Page 2	Dec-17			(193,022)		
Feb-16 (231,442) Mar-16 (122,433) Apr-16 818,200 56,181,564 43,323 2,121,213 May-16 866,856 57,246,315 (31,257) 3,013,797 Jun-16 905,487 54,542,164 (15,553) 3,959,275 Jul-16 827,354 58,889,999 (201,915) 2,681,766 Aug-16 974,119 54,223,449 (61,843) 3,843,815 Sep-16 860,909 48,777,230 68,927 3,760,957 Oct-16 (77,926) Nov-16 (16,314) Dec-16 97,030 19,380,823 Reference: Exhibit A Exhibit A Page 1 Page 2 Exhibit A Page 2		4,803,150	321,820,652	(986,328)	18,305,228	
Mar-16 (122,433) Apr-16 818,200 56,181,564 43,323 2,121,213 May-16 866,856 57,246,315 (31,257) 3,013,797 Jun-16 905,487 54,542,164 (15,553) 3,959,275 Jul-16 827,354 58,889,999 (201,915) 2,681,766 Aug-16 974,119 54,223,449 (61,843) 3,843,815 Sep-16 860,909 48,777,230 68,927 3,760,957 Oct-16 (72,926) (16,314) 97,030 97,030 Dec-16 97,030 19,380,823 19,380,823 Reference: Exhibit A Exhibit A Page 2 Exhibit A	Jan-16			(37,846)		
Apr-16 818,200 56,181,564 43,323 2,121,213 May-16 866,856 57,246,315 (31,257) 3,013,797 Jun-16 905,487 54,542,164 (15,553) 3,959,275 Jul-16 827,354 58,889,999 (201,915) 2,681,766 Aug-16 974,119 54,223,449 (61,843) 3,843,815 Sep-16 860,909 48,777,230 68,927 3,760,957 Oct-16 (72,926) (16,314) Page-1 97,030 19,380,823 Reference: Exhibit A Exhibit A Page 2 Exhibit A Page 2	Feb-16			(231,442)		
May-16 866,856 57,246,315 (31,257) 3,013,797 Jun-16 905,487 54,542,164 (15,553) 3,959,275 Jul-16 827,354 58,889,999 (201,915) 2,681,766 Aug-16 974,119 54,223,449 (61,843) 3,843,815 Sep-16 860,909 48,777,230 68,927 3,760,957 Oct-16 (72,926) (16,314) Page 1 97,030 19,380,823 Reference: Exhibit A Exhibit A Page 2 Exhibit A Page 2	Mar-16			(122,433)		
Jun-16 905,487 54,542,164 (15,553) 3,959,275 Jul-16 827,354 58,889,999 (201,915) 2,681,766 Aug-16 974,119 54,223,449 (61,843) 3,843,815 Sep-16 860,909 48,777,230 68,927 3,760,957 Oct-16 (72,926) (16,314) 97,030 Dec-16 97,030 (582,249) 19,380,823 Reference: Exhibit A Page 1 Page 2 Exhibit A Page 2	Apr-16	818,200	56,181,564	43,323	2,121,213	
Jul-16 827,354 58,889,999 (201,915) 2,681,766 Aug-16 974,119 54,223,449 (61,843) 3,843,815 Sep-16 860,909 48,777,230 68,927 3,760,957 Oct-16 (72,926) (16,314) 97,030 Dec-16 97,030 19,380,823 Reference: Exhibit A Page 1 Page 2 Exhibit A Page 2	May-16	866,856	57,246,315	(31,257)	3,013,797	
Aug-16 974,119 54,223,449 (61,843) 3,843,815 Sep-16 860,909 48,777,230 68,927 3,760,957 Oct-16 (72,926) (16,314) 97,030 Dec-16 97,030 19,380,823 Reference: Exhibit A Page 1 Page 2 Exhibit A Page 2	Jun-16	905,487	54,542,164	(15,553)	3,959,275	
Sep-16 860,909 48,777,230 68,927 3,760,957 Oct-16 (72,926) (16,314) 97,030 Dec-16 5,252,925 329,860,721 (582,249) 19,380,823 Reference: Exhibit A Page 1 Page 2 Exhibit A Page 2	Jul-16	827,354	58,889,999	(201,915)	2,681,766	
Oct-16 Nov-16 Dec-16 (72,926) (16,314) 97,030 5,252,925 329,860,721 (582,249) 19,380,823 Reference: Exhibit A Page 1 Exhibit A Page 2 Exhibit A Page 2	Aug-16	974,119	54,223,449	(61,843)		
Nov-16 Dec-16 Dec-16 Exhibit A Page 1 (16,314) 97,030 (582,249) 19,380,823 Exhibit A Page 2 Exhibit A Page 2 Exhibit A Page 2	Sep-16	860,909	48,777,230	68,927	3,760,957	
Dec-16 97,030 5,252,925 329,860,721 (582,249) 19,380,823 Reference: Exhibit A Exhibit A Exhibit A Page 1 Page 2 Page 2	Oct-16			(72,926)		
5,252,925 329,860,721 (582,249) 19,380,823 Reference: Exhibit A Page 1 Page 2 Exhibit A Page 2	Nov-16			(16,314)		
Reference: Exhibit A Exhibit A Exhibit A Page 1 Page 2 Page 2	Dec-16			97,030		
Exhibit A Exhibit A Exhibit A Page 1 Page 2 Page 2	-	5,252,925	329,860,721	(582,249)	19,380,823	
Page 1 Page 2 Page 2	Reference	<u></u>				
č č		Exhibit A	Exhibit A		Exhibit A	
Note (i) Note (v) Note (vi)		Page 1	Page 2		Page 2	
		Note (i)	Note (v)		Note (vi)	