

**NORTHWEST NATURAL GAS COMPANY
AFFILIATED INTEREST REPORT
FOR THE CALENDAR YEAR ENDING DECEMBER 31, 2020**

This report is filed with the Washington Utilities and Transportation Commission (WUTC) in compliance with Washington Administrative Code (WAC) 480-90-264.

WAC 480-90-264 (1)

An organization chart of the utility and its affiliated interests and subsidiaries.

See Confidential Exhibit C for the organization chart of Northwest Natural Gas Company's ("NW Natural" or "NWN") parent company, Northwest Natural Holding Company ("NW Holdings"), included with this Affiliated Interest Report.

WAC 480-90-264 (2)

The name of the affiliated interest or subsidiary participating in the transaction and the total dollar amounts of the transactions.

All service payments with an affiliate are listed below, and a)-g) below apply when the total transactions exceed \$100,000.

(A) Total service payments made by the utility to an affiliate:

Name of Affiliate	Total Service Transactions
NNGFC & KB Pipeline	\$224,258

(B) Total service payments made by an affiliate to the utility:

Name of Affiliate	Total Service Payments
NWN Gas Storage	\$1,258,099
Gill Ranch Storage	\$ 576,104
NWN Holding Company	\$ 236,481
NWN Water	\$2,326,094

WAC 480-90-264 (2)(a)

**A balance sheet and income statement for such affiliated interest.
[Transactions that equal or exceed \$100,000]**

See NWN's affiliated interest financial statements included as Confidential Exhibit A in this Affiliated Interest Report for all affiliates. Note the financial statements are included for all affiliates and even for transactions that do not exceed \$100,000.

WAC 480-90-264 (2)(b)

A description of the products or services provided to or from the utility and each such affiliated interest or subsidiary. [Transactions that equal or exceed \$100,000]

In addition to the information provided immediately above, see also the discussions under the section entitled WAC 480-90-264(2)(f) below, and the Cost Allocation Manual included as Exhibit B in this Affiliated Interest Report for more information on the type of affiliated transactions. Note the descriptions are included for all affiliates and for those transactions that do not exceed \$100,000.

WAC 480-90-264 (2)(c)

A description of the pricing basis or costing method, and procedures for allocating costs for such products or services, and the amount and accounts charged during the year. [Transactions that equal or exceed \$100,000]

Refer to the Cost Allocation Manual included as Exhibit B in this Affiliated Interest Report for further descriptions of the pricing basis or costing method of each affiliated interest or subsidiary with which NWN has transactions. Note the descriptions are included for all affiliates and for those transactions that do not exceed \$100,000.

WAC 480-90-264 (2)(d)

A description of the terms of any loans between the utility and each such affiliated interest or subsidiary and a listing of the year-end loan amounts and maximum loan amounts outstanding during the year. [Transactions that equal or exceed \$100,000]

Short-term loans:

None.

Long-term loans:

None.

WAC 480-90-264 (2)(e)

A description of the terms and total amount of any obligation or liability assumed by the utility for each such affiliated interest or subsidiary. [Transactions that equal or exceed \$100,000]

Description of basis of tax pricing, when applicable:

NW Holdings will file and pay taxes on a consolidated basis with its subsidiaries. For any taxable year, these subsidiaries have income and expenses, which cause NW Holdings' consolidated tax liability to increase or decrease. Monthly payments would be made from NWN and its subsidiaries to or from NW Holdings to the extent the operations have income or losses. Refer to the table below for total tax sharing transactions that exceed \$100,000 for 2020.

Transfer of Obligation (Right) or Liability (Asset) Assumed by the Utility:

The table below lists the total tax sharing transfers when the total of the affiliate's transactions exceeds \$100,000:

Name of Affiliate	Total Tax Sharing Transfers >\$100,000
Northwest Natural Holding Company	\$6,100,000
Northwest Natural Gas Reserve	\$800,000

WAC 480-90-264 (2)(f)

A description of the activities of each such affiliated interest or subsidiary with which the utility has transactions. [Transactions that equal or exceed \$100,000]

In addition to the information provided below, see the Cost Allocation Manual included as Exhibit B in this Affiliated Interest Report for further descriptions of the activities of each affiliated interest or subsidiary with which NWN has transactions.

Below are the descriptions of general transactions with all affiliated interests including transactions that do not meet the \$100,000 reporting threshold.

Northwest Natural Holding Company

Northwest Natural Holding Company ("NW Holdings") is the parent company of Northwest Natural Gas Company ("NWN" or "NW Natural") (effective October 1, 2018).

Affiliated transactions between NW Natural and NW Holdings generally include:

- Direct charges of NWN's payroll and administrative expense for NW Holdings' use of NWN staff;

- Infrequent vendor payments may be made by NWN on behalf of NW Holdings, which are then subsequently direct charged their portion to NW Holdings and reimbursed to NWN through intercompany billings;
- Insurance may be purchased by NWN on behalf of the consolidated enterprise, and is subsequently allocated to NW Holdings and reimbursed to NWN through intercompany billings;
- Equity distributions/contributions and dividends between NWN and NW Holdings;
- Payments between NWN and NW Holdings for current tax expense or benefit; and
- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual.

NNG Financial Corporation

NNG Financial Corporation ("NNGFC") owns 100% of the stock of KB Pipeline Company ("KBPC"). NNGFC became a wholly-owned subsidiary of Northwest Natural Holding Company effective October 1, 2018. See KBPC activities described below.

Affiliated transactions between NW Natural and NNGFC generally include:

- Direct charges of NWN's payroll and administrative expense for NNGFC's use of NWN staff;
- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual;
- Vendor payments made by NWN on behalf of NNGFC, which are then subsequently direct charged to NNGFC and reimbursed to NWN through intercompany billings;
- Insurance purchased by NWN on behalf of the consolidated enterprise, and is subsequently allocated to NNGFC and reimbursed to NWN through intercompany billings; and
- Payments from NWN to NNGFC for KBPC demand and commodity transportation charges.

KB Pipeline Company

KB Pipeline Company ("KBPC") is a wholly-owned subsidiary of NNG Financial Corporation ("NNGFC"). KBPC owns a 10% interest in, and is the former operator of, an interstate natural gas pipeline known as the Kelso-Beaver Pipeline. The pipeline runs between Kelso, Washington and Clatskanie, Oregon, and is regulated by the Federal Energy Regulatory Commission ("FERC"). The other owners of the Kelso-Beaver Pipeline are Portland General Electric Company (79.5%) and B-R Pipeline Company (10.5%). Each of the co-owners has a separate FERC certificate regarding the ownership and transportation of gas on its share of the pipeline.

In 1991, FERC issued KBPC a certificate of public convenience and necessity under Part 157 of its regulations to construct, own, and transport gas for NW Natural using its 10% share of the capacity of the Kelso-Beaver Pipeline at FERC-approved rates. See, *Portland General Electric Co.*, 57 FERC ¶ 61,095 (1991), amended, 57 FERC ¶ 61,312 (1991). Currently, KBPC's share of the pipeline is not open access so it may only provide transportation service to NW Natural. NW Natural and KBPC are parties to a gas transportation agreement with respect to such transportation service, whereby the Kelso-Beaver Pipeline is obligated to receive and deliver a specified amount of natural gas from NW Natural in exchange for a demand charge and a volumetric fee. KBPC has no separate employees of its own. Portland General Electric Company ("PGE") maintains the operator responsibilities for the pipeline and charges NWN, which is reimbursed by NNGFC for their 10% portion.

Northwest Energy Corporation

Northwest Energy Corporation ("NW Energy Corp") is a wholly-owned subsidiary of Northwest Natural Gas Company and was formed in 2001. Since 2013, NW Energy Corp has served as the holding company for NWN Gas Reserves LLC.

Affiliated transactions between NW Natural and NW Energy Corp generally include:

- Equity distributions/contributions between NW Natural and NW Energy Corp;
- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual;
- Insurance may be purchased by NWN on behalf of the consolidated enterprise, and is subsequently charged to NW Energy Corp and reimbursed to NWN through intercompany billings; and
- Payments between NW Natural and NW Energy Corp for NW Energy Corp's current tax expense or benefit.

NWN Gas Reserves LLC

NWN Gas Reserves LLC ("NWN Gas Reserves") is a wholly owned subsidiary of Northwest Energy Corporation and was formed in December 2012. In 2013, NW Natural's working interest in the Jonah gas field was transferred to this entity.

Affiliated transactions between NW Natural, NW Energy Corp and NWN Gas Reserves generally include:

- Equity distributions/contributions between NW Natural and NW Energy Corp and/or NWN Gas Reserves;
- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual;

- Insurance purchased by NWN on behalf of the consolidated enterprise, and is subsequently charged to NW Energy Corp and reimbursed to NWN through intercompany billings; and
- Payments between NW Natural and NWN Gas Reserves for current tax expense or benefit.

NW Natural RNG Holding Company, LLC

NW Natural RNG Holding Company, LLC (“NWN RNG”) is a wholly-owned subsidiary of Northwest Natural Gas Company that was formed in November 2020 as a holding company to invest in the development and procurement of renewable natural gas.

Affiliated transactions between NW Natural and NWN RNG would generally include:

- Equity distributions/contributions between NW Natural and NWN RNG;
- Annual allocation of indirect charges pursuant to NW Natural’s Cost Allocation Manual;
- Insurance may be purchased by NWN, and is subsequently charged to NWN RNG and reimbursed to NWN through intercompany billings; and
- Payments between NW Natural and NWN RNG for current tax expense or benefit.

Lexington Renewable Energy LLC

In 2020, under Oregon Senate Bill 98 (“SB 98”), NW Natural began a partnership with BioCarbN, a developer and operator of sustainable infrastructure projects, to convert methane into renewable natural gas (“RNG”). Under this partnership, NW Natural has the ability to invest up to an estimated \$38 million in four separate RNG development projects that will access biogas derived from water treatment at Tyson Foods’ processing plants, subject to approval by all parties. In December 2020, NW Natural exercised its option for the first development project in Nebraska, initiating investment in an estimated \$8 million project, which is expected to begin producing RNG in late 2021.

Lexington Renewable Energy LLC (“Lexington”) was formed by BioCarbN in November 2020 as the platform to facilitate investment in the RNG development project in Nebraska. NW Natural RNG Holding Company, LLC acquired and owns 100% of the Class A Membership Units in Lexington effective December 28, 2020, and BioCarbN Cross River Biogas Lexington LLC owns 100% of the Class B Membership Units.

Affiliated transactions between NW Natural, NWN RNG and Lexington would generally include:

- Equity distributions/contributions between NW Natural and NWN RNG and/or Lexington; and

- Contracts between NW Natural and Lexington for the sale and purchase of RNG under SB 98.

Northwest Biogas, LLC

Effective October 1, 2018, Northwest Natural Holding Company owns a 50% membership interest in Northwest Biogas, LLC (“NW Biogas”). NW Holdings also serves as the Managing Member. The other 50% membership interest is owned by BEF Renewable Incorporated. NW Biogas previously developed and operated a demonstration biodigester located at Three Mile Canyon Farms in Boardman, Oregon. In 2017, NW Biogas began leasing the previously used demonstration biodigester to an unaffiliated third party.

NW Natural Energy, LLC

NW Natural Energy, LLC (“NWN Energy”) became a wholly-owned subsidiary of Northwest Natural Holding Company effective October 1, 2018. NWN Energy was formed in 2009 to own NW Natural Gas Storage, LLC and other non-utility businesses.

Affiliated transactions between NW Natural and NWN Energy generally include:

- Direct charges for NWN Energy’s use of NWN’s administrative and operating staff;
- Annual allocation of indirect charges pursuant to NW Natural’s Cost Allocation Manual;
- Infrequent vendor payments made by NWN on behalf of NWN Energy, which are then subsequently direct charged to NWN Energy and reimbursed to NWN through intercompany billings; and
- Insurance purchased by NWN on behalf of the consolidated enterprise, and is subsequently charged to NWN Energy and reimbursed to NWN through intercompany billings.

NW Natural Gas Storage, LLC

NW Natural Gas Storage, LLC (“NWN Gas Storage”) is a wholly-owned subsidiary of NW Natural Energy, LLC that was formed in 2009 to own and manage non-utility gas storage interests. The entity also temporarily provides certain transition services following the sale of all membership interests in its former wholly-owned subsidiary, Gill Ranch Storage, LLC (“GRS”), effective December 4, 2020.

Affiliated transactions between NW Natural and NWN Gas Storage generally include:

- Direct charges for NWN Gas Storage’s use of NWN’s administrative and operating staff;
- Annual allocation of indirect charges pursuant to NW Natural’s Cost Allocation Manual;

- Infrequent vendor payments made by NWN on behalf of NWN Gas Storage, which are then subsequently direct charged to NWN Gas Storage and reimbursed by GRS (pre-December 4, 2020 only, effective date of sale of GRS); and
- D&O fiduciary and workers' compensation insurance and other insurance is purchased by NWN, and is subsequently charged to NWN Gas Storage and reimbursed to NWN through intercompany billings, along with the allocation of the consolidated group insurance pursuant to NW Natural's Cost Allocation Manual.

Gill Ranch Storage, LLC

On June 20, 2018, NW Natural Gas Storage, LLC ("NWN Gas Storage") entered into a Purchase and Sale Agreement providing for the sale of all membership interests in its subsidiary, Gill Ranch Storage, LLC ("GRS"). GRS owns a 75% interest in the natural gas storage facility located near Fresno, California known as the Gill Ranch Gas Storage Facility (the "Gill Ranch Facility"). On December 4, 2020, NWN Gas Storage closed the sale of all of the membership interests in GRS to an unaffiliated third party. NWN Gas Storage employees will continue to provide certain services to the Gill Ranch Facility for up to 18 months after the transaction closes under a Transition Services Agreement.

Affiliated transactions between NWN and GRS (pre-December 4, 2020 only, effective date of sale) generally included:

- Direct charges for GRS's use of NWN's administrative and operating staff;
- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual;
- Vendor payments made by NWN on behalf of GRS and subsequently reimbursed by GRS through intercompany billings; and
- General liability and D&O insurance is purchased by NWN on behalf of the consolidated enterprise, and is subsequently direct charged to GRS and reimbursed to NWN through intercompany billings.

Trail West Holdings, LLC

Prior to August 6, 2020, NWN Energy and TransCanada American Investment Ltd. each owned a fifty percent (50%) membership interest in Trail West Holdings, LLC ("TWH"). TWH wholly owns Trail West Pipeline, LLC ("TWP"), which is developing the cross-Cascades natural gas pipeline. On August 6, 2020, NWN Energy completed the sale of 100% of its interest in TWH to an unaffiliated third party.

Affiliated transactions between NWN/NWN Energy and TWH (pre-August 6, 2020 only, effective date of sale) generally included:

- Direct charges for TWH's use of NWN administrative and operating staff;

- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual; and
- Because accounting is based on the equity method, TWH has no separate set of accounts except for dedicated nominal accounts in other income and expense on NWN Energy's Income Statement, which includes non-billable expenses to TWH. The investment is tracked as "Other Investments" (account 124059).

NW Natural Water Company, LLC

NW Natural Water Company, LLC ("NW Water") became a wholly-owned subsidiary of Northwest Natural Holding Company effective October 1, 2018. NW Water was formed in December 2017 to be a holding company for water and wastewater companies.

Affiliated transactions between NW Natural and NW Water would generally include:

- Group insurance purchased by NWN, and is subsequently allocated to NW Water and reimbursed to NWN through intercompany billings, for NW Water and subsidiaries as applicable;
- Direct charges of NWN's payroll and administrative expense for NW Water's use of NWN staff;
- Infrequent vendor payments may be made by NWN on behalf of NW Water, which are then subsequently direct charged to NW Water and reimbursed to NWN through intercompany billings; and
- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual, for NW Water and subsidiaries as applicable.

NW Natural Water of Oregon, LLC

NW Natural Water of Oregon, LLC ("NW Water OR") is a wholly-owned subsidiary of NW Natural Water Company, LLC. NW Water OR was formed in October 2018 to be a holding company for water companies in Oregon.

Affiliated transactions between NW Natural and NW Water OR would generally include:

- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual, for NW Water OR and subsidiaries as applicable;
- Direct charges of NWN's payroll and administrative expense for NW Water OR's use of NWN staff; and
- Group Insurance purchased by NWN, and is subsequently allocated to NW Water OR and reimbursed to NWN through intercompany billings, for NW Water OR and subsidiaries as applicable.

Sunriver Water LLC

Sunriver Water LLC (“Sunriver Water”) is a wholly-owned subsidiary of NW Natural Water of Oregon, LLC. Sunriver Water is a water utility in Oregon that was formed in 1998 and acquired by NW Water OR through the purchase of its membership interests effective May 31, 2019.

Affiliated transactions between NW Natural and Sunriver Water would generally include:

- Annual allocation of indirect charges pursuant to NW Natural’s Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for Sunriver Water’s use of NWN staff; and
- Insurance purchased by NWN, and is subsequently charged to Sunriver Water and reimbursed to NWN through intercompany billings.

Sunriver Environmental LLC

Sunriver Environmental LLC (“Sunriver Environmental”) is a wholly-owned subsidiary of NW Natural Water of Oregon, LLC. Sunriver Environmental is a wastewater utility in Oregon that was formed in 1998 and acquired by NW Water OR through the purchase of its membership interests effective May 31, 2019.

Affiliated transactions between NW Natural and Sunriver Environmental would generally include:

- Annual allocation of indirect charges pursuant to NW Natural’s Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for Sunriver Environmental’s use of NWN staff; and
- Insurance purchased by NWN, and is subsequently charged to Sunriver Environmental and reimbursed to NWN through intercompany billings.

Salmon Valley Water Company

Salmon Valley Water Company (“Salmon Valley”) is a wholly owned subsidiary of NW Natural Water Company, LLC. Salmon Valley is a water utility in Oregon that was formed in 1968 and acquired by NW Natural Water Company, LLC pursuant to a stock purchase agreement in November 2018.

Affiliated transactions between NW Natural and Salmon Valley would generally include:

- Annual allocation of indirect charges pursuant to NW Natural’s Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for Salmon Valley’s use of NWN staff; and

- Insurance purchased by NWN on behalf of the consolidated enterprise, and is subsequently charged to Salmon Valley and reimbursed to NWN through intercompany billings.

Sunstone Water, LLC

Sunstone Water, LLC (“Sunstone Water”) is a wholly-owned subsidiary of NW Natural Water of Oregon, LLC. Sunstone Water was formed in March 2019 and is a platform for acquisitions of water utility assets in Oregon.

Affiliated transactions between NW Natural and Sunstone Water would generally include:

- Annual allocation of indirect charges pursuant to NW Natural’s Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for Sunstone Water’s use of NWN staff; and
- Insurance purchased by NWN, and is subsequently charged to Sunstone Water and reimbursed to NWN through intercompany billings.

Sunstone Infrastructure, LLC

Sunstone Infrastructure, LLC (“Sunstone Infrastructure”) is a wholly-owned subsidiary of NW Natural Water of Oregon, LLC. Sunstone Infrastructure was formed in June 2019 and is a platform for acquisitions of non-regulated assets in Oregon.

Affiliated transactions between NW Natural and Sunstone Infrastructure would generally include:

- Annual allocation of indirect charges pursuant to NW Natural’s Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for Sunstone Infrastructure’s use of NWN staff; and
- Insurance purchased by NWN, and is subsequently charged to Sunstone Infrastructure and reimbursed to NWN through intercompany billings.

NW Natural Water of Washington, LLC

NW Natural Water of Washington, LLC (“NW Water WA”) is a wholly-owned subsidiary of NW Natural Water Company, LLC. NW Water WA was formed in October 2018 to be a holding company for water companies in Washington.

Affiliated transactions between NW Natural and NW Water WA would generally include:

- Annual allocation of indirect charges pursuant to NW Natural’s Cost Allocation Manual, for NW Water WA and subsidiaries as applicable;

- Direct charges of NWN's payroll and administrative expense for NW Water WA's use of NWN staff; and
- Group Insurance purchased by NWN, and is subsequently allocated to NW Water WA and reimbursed to NWN through intercompany billings, for NW Water WA and subsidiaries as applicable.

Cascadia Water, LLC

Cascadia Water, LLC ("Cascadia Water") was formed in April 2018 to hold assets acquired from water utilities in Washington. Effective November 1, 2019, NW Natural Water Company, LLC contributed all of the outstanding membership interests of Cascadia Water to its wholly-owned subsidiary NW Natural Water of Washington, LLC. Cascadia Water is now a wholly-owned subsidiary of NW Natural Water of Washington, LLC.

Affiliated transactions between NW Natural and Cascadia Water would generally include:

- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for Cascadia Water's use of NWN staff; and
- Insurance purchased by NWN, and is subsequently charged to Cascadia Water and reimbursed to NWN through intercompany billings.

Cascadia Infrastructure, LLC

Cascadia Infrastructure, LLC ("Cascadia Infrastructure") is a wholly-owned subsidiary of NW Natural Water of Washington, LLC. Cascadia Infrastructure was formed in June 2019 and is a platform for acquisitions of non-regulated assets in Washington.

Affiliated transactions between NW Natural and Cascadia Infrastructure would generally include:

- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for Cascadia Infrastructure's use of NWN staff; and
- Insurance purchased by NWN, and is subsequently charged to Cascadia Infrastructure and reimbursed to NWN through intercompany billings.

Suncadia Water Company, LLC

Suncadia Water Company, LLC ("Suncadia Water") is a wholly-owned subsidiary of NW Natural Water of Washington, LLC. Suncadia Water is a water utility in Washington that was formed in 2004 and acquired by NW Water WA through the purchase of its membership interests effective January 31, 2020.

Affiliated transactions between NW Natural and Suncadia Water would generally include:

- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for Suncadia Water's use of NWN staff; and
- Insurance purchased by NWN, and is subsequently charged to Suncadia Water and reimbursed to NWN through intercompany billings.

Suncadia Environmental Company, LLC

Suncadia Environmental Company, LLC ("Suncadia Environmental") is a wholly-owned subsidiary of NW Water of Washington, LLC. Suncadia Environmental is a wastewater utility in Washington that was formed in 2004 and acquired by NW Water WA through the purchase of its membership interests effective January 31, 2020.

Affiliated transactions between NW Natural and Suncadia Environmental would generally include:

- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for Suncadia Environmental's use of NWN staff; and
- Insurance purchased by NWN, and is subsequently charged to Suncadia Environmental and reimbursed to NWN through intercompany billings.

NW Natural Water of Idaho, LLC

NW Natural Water of Idaho, LLC ("NW Water ID") is a wholly-owned subsidiary of NW Natural Water Company, LLC. NW Water ID was formed in October 2018 to be a holding company for water companies in Idaho.

Affiliated transactions between NW Natural and NW Water ID would generally include:

- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual, for NW Water ID and subsidiaries as applicable;
- Direct charges of NWN's payroll and administrative expense for NW Water ID's use of NWN staff; and
- Group Insurance purchased by NWN, and is subsequently allocated to NW Water ID and reimbursed to NWN through intercompany billings, for NW Water ID and subsidiaries as applicable.

Falls Water Co., Inc.

Falls Water Co., Inc. ("Falls Water") is a water utility in Idaho that was formed in 2006 and acquired by NW Natural Water Company, LLC through merger on

September 12, 2018. Effective August 1, 2020, NW Natural Water Company, LLC contributed all of the outstanding shares of Falls Water to its wholly-owned subsidiary NW Natural Water of Idaho, LLC. Falls Water is now a wholly-owned subsidiary of NW Natural Water of Idaho, LLC.

Affiliated transactions between NW Natural and Falls Water would generally include:

- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for Falls Water's use of NWN staff; and
- Insurance purchased by NWN, and is subsequently charged to Falls Water and reimbursed to NWN through intercompany billings.

Gem State Water Company, LLC

Gem State Water Company, LLC ("Gem State Water") is a wholly-owned subsidiary of NW Natural Water of Idaho, LLC. Gem State Water was formed in December 2018 and is a platform for acquisitions of water utility assets in Idaho.

Affiliated transactions between NW Natural and Gem State Water would generally include:

- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for Gem State Water's use of NWN staff; and
- Insurance purchased by NWN, and is subsequently charged to Gem State Water and reimbursed to NWN through intercompany billings.

Gem State Infrastructure, LLC

Gem State Infrastructure, LLC ("Gem State Infrastructure") is a wholly-owned subsidiary of NW Natural Water of Idaho, LLC. Gem State Infrastructure was formed in June 2019 and is a platform for acquisitions of non-regulated assets in Idaho.

Affiliated transactions between NW Natural and Gem State Infrastructure would generally include:

- Annual allocation of indirect charges pursuant to NW Natural's Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for Gem State Infrastructure's use of NWN staff; and
- Insurance purchased by NWN, and is subsequently charged to Gem State Infrastructure and reimbursed to NWN through intercompany billings.

NW Natural Water of Texas, LLC

NW Natural Water of Texas, LLC (“NW Water TX”) is a wholly-owned subsidiary of NW Natural Water Company, LLC. NW Water TX was formed in October 2019 to be a holding company for water companies in Texas.

Affiliated transactions between NW Natural and NW Water TX would generally include:

- Annual allocation of indirect charges pursuant to NW Natural’s Cost Allocation Manual, for NW Water TX and subsidiaries as applicable;
- Direct charges of NWN's payroll and administrative expense for NW Water TX’s use of NWN staff; and
- Group insurance purchased by NWN, and is subsequently allocated to NW Water TX and reimbursed to NWN through intercompany billings, for NW Water TX and subsidiaries as applicable.

Blue Topaz Water, LLC

Blue Topaz Water, LLC (“Blue Topaz Water”) is a wholly-owned subsidiary of NW Natural Water of Texas, LLC. Blue Topaz Water was formed in November 2019 and is a platform for acquisitions of water utility assets in Texas.

Affiliated transactions between NW Natural and Blue Topaz Water would generally include:

- Annual allocation of indirect charges pursuant to NW Natural’s Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for Blue Topaz Water’s use of NWN staff; and
- Insurance purchased by NWN, and is subsequently charged to Blue Topaz Water and reimbursed to NWN through intercompany billings.

Blue Topaz Infrastructure, LLC

Blue Topaz Infrastructure, LLC (“Blue Topaz Infrastructure”) is a wholly-owned subsidiary of NW Natural Water of Texas, LLC. Blue Topaz Infrastructure was formed in November 2019 and is a platform for acquisitions of non-regulated assets in Texas.

Affiliated transactions between NW Natural and Blue Topaz Infrastructure would generally include:

- Annual allocation of indirect charges pursuant to NW Natural’s Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for Blue Topaz Infrastructure’s use of NWN staff; and

- Insurance purchased by NWN, and is subsequently charged to Blue Topaz Infrastructure and reimbursed to NWN through intercompany billings.

T & W Water Service Company

T & W Water Service Company (“T&W Water”) is a wholly-owned subsidiary of NW Natural Water of Texas, LLC. T&W Water is a water utility in Texas that was formed in 1979 and acquired by NW Natural Water of Texas, LLC pursuant to a stock purchase agreement in March 2020.

Affiliated transactions between NW Natural and T&W Water would generally include:

- Annual allocation of indirect charges pursuant to NW Natural’s Cost Allocation Manual;
- Direct charges of NWN's payroll and administrative expense for T&W Water’s use of NWN staff; and
- Insurance purchased by NWN, and is subsequently charged to T&W Water and reimbursed to NWN through intercompany billings.

WAC 480-90-264 (2)(g)

A list of all common officers and directors between the gas utility and each such affiliated interest or subsidiary, along with their titles in each organization. [Transactions that equal or exceed \$100,000]

NORTHWEST NATURAL HOLDING COMPANY¹

BOARD OF DIRECTORS

C. Scott Gibson, Chair	Honorable Dave McCurdy
David H. Anderson	Jane L. Peverett
Timothy P. Boyle	Kenneth Thrasher
John D. Carter	Malia H. Wasson
Monica Enand	Charles A. Wilhoite
Tod R. Hamachek	

CHANGES IN MEMBERS OF THE BOARD

- Mark S. Dodson retired from the Board of Directors effective May 28, 2020.
- Mr. Gibson was appointed Chair of the Board of Directors effective May 28, 2020.
- Hon. McCurdy was appointed to the Board of Directors effective July 1, 2020.
- Martha L. “Stormy” Byorum retired from the Board of Directors effective December 31, 2020.

¹ Directors and Officers as of December 31, 2020. Changes that occurred during 2020 or after December 31, 2020 have been noted.

- Karen Lee was appointed to the Board of Directors effective January 1, 2021.
- Nathan I. Partain was appointed to the Board of Directors effective January 1, 2021.

OFFICERS OF THE CORPORATION

David H. Anderson	President and Chief Executive Officer
Frank H. Burkhartsmeier	Senior Vice President and Chief Financial Officer
MardiLyn Saathoff	Senior Vice President, Regulation and General Counsel
Shawn M. Filippi	Vice President, Chief Compliance Officer and Corporate Secretary
Brody J. Wilson	Vice President, Treasurer, Chief Accounting Officer, and Controller

CHANGES IN OFFICERS

- No changes.

NORTHWEST NATURAL GAS COMPANY

Wholly-owned subsidiary of Northwest Natural Holding Company (effective October 1, 2018)

Type of Operations: Natural Gas Local Distribution Company

Year Created: 1910 (Oregon)

BOARD OF DIRECTORS

C. Scott Gibson, Chair	Honorable Dave McCurdy
David H. Anderson	Jane L. Peverett
Timothy P. Boyle	Kenneth Thrasher
John D. Carter	Malia H. Wasson
Monica Enand	Charles A. Wilhoite
Tod R. Hamachek	Steven E. Wynne

CHANGES IN MEMBERS OF THE BOARD

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- Mr. Gibson was appointed Chair of the Board of Directors effective May 28, 2020.
- Hon. McCurdy was appointed to the Board of Directors effective July 1, 2020.
- Martha L. "Stormy" Byorum retired from the Board of Directors effective December 31, 2020.
- Karen Lee was appointed to the Board of Directors effective January 1, 2021.
- Nathan I. Partain was appointed to the Board of Directors effective January 1, 2021.

OFFICERS OF THE CORPORATION

David H. Anderson	President and Chief Executive Officer
Frank H. Burkhartsmeier	Senior Vice President and Chief Financial Officer

MardiLyn Saathoff	Senior Vice President, Regulation and General Counsel
James R. Downing	Vice President and Chief Information Officer
Shawn M. Filippi	Vice President, Chief Compliance Officer and Corporate Secretary
Kimberly A. Heiting	Senior Vice President, Operations and Chief Marketing Officer
Jon G. Huddleston	Vice President, Engineering and Utility Operations
Justin B. Palfreyman	Vice President, Strategy and Business Development
Melinda B. Rogers	Vice President, Chief Human Resources and Diversity Officer
David A. Weber	Vice President, Gas Supply and Utility Support Services
Kathryn M. Williams	Vice President, Public Affairs and Sustainability
Brody J. Wilson	Vice President, Treasurer, Chief Accounting Officer, and Controller

CHANGES IN OFFICERS

- Ms. Williams was appointed Vice President, Public Affairs and Sustainability effective March 1, 2020. Ms. Williams had been previously serving as Vice President, Public Affairs.

NORTHWEST ENERGY CORPORATION

Wholly-owned subsidiary of Northwest Natural Gas Company
 Type of Operations: Non-Operating Holding Company
 Year Created: 2001 (Oregon)

BOARD OF DIRECTORS

David H. Anderson, Chair*
 Frank H. Burkhartsmeyer*
 MardiLyn Saathoff*
 Kimberly A. Heiting*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE CORPORATION

David H. Anderson*	President and Chief Executive Officer
Brody J. Wilson*	Treasurer and Controller
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- No changes.

NWN GAS RESERVES LLC

Wholly-owned subsidiary of Northwest Energy Corporation
Type of Operations: Natural Gas Reserves Development
Year Created: 2012 (Oregon)

MANAGEMENT

NWN Gas Reserves LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson*
Frank H. Burkhartsmeier*
MardiLyn Saathoff*
David A. Weber*
Kimberly A. Heiting*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

David H. Anderson*	President and Chief Executive Officer
Justin B. Palfreyman*	Vice President
David A. Weber*	Vice President
Brody J. Wilson*	Treasurer and Controller
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- No changes.

NW NATURAL RNG HOLDING COMPANY, LLC

Wholly-owned subsidiary of Northwest Natural Gas Company
Type of Operations: Holding company platform to invest in development and procurement of renewable natural gas
Year Created: 2020 (Oregon)

MANAGEMENT

NW Natural RNG Holding Company, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

David H. Anderson*	President
Justin B. Palfreyman*	Vice President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Palfreyman replaced Mr. Anderson as President effective April 1, 2021. Mr. Palfreyman had been previously serving as Vice President.

LEXINGTON RENEWABLE ENERGY LLC

100% Class A Membership Units owned by NW Natural RNG Holding Company, LLC

100% Class B Membership Units owned by BioCarbn Cross River Biogas Lexington LLC

Type of Operations: Renewable natural gas development project in Nebraska
Year Created: 2020 (Delaware); Membership interests acquired by NW Natural RNG Holding Company, LLC effective December 28, 2020

MANAGEMENT

Lexington Renewable Energy LLC is manager-managed
Manager: Biocarbn Lexington Management, LLC appointed as of December 28, 2020

OFFICERS OF THE LIMITED LIABILITY COMPANY

- Lexington Renewable Energy LLC has no officers.

NNG FINANCIAL CORPORATION

Wholly-owned subsidiary of Northwest Natural Holding Company (effective October 1, 2018)

Type of operations: Financial

Year Created: 1984 (Oregon)

BOARD OF DIRECTORS

David H. Anderson, Chair*

MardiLyn Saathoff*

Frank H. Burkhartsmeier*

Kimberly A. Heiting*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE CORPORATION

David H. Anderson* President and Chief Executive Officer

Brody J. Wilson* Treasurer and Controller

Shawn M. Filippi* Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- No changes.

KB PIPELINE COMPANY

Wholly-owned subsidiary of NNG Financial Corporation

Type of Operations: Gas Pipeline, Owner

Year Created: 1991 (Oregon)

BOARD OF DIRECTORS

David H. Anderson, Chair*

Frank H. Burkhartsmeier*

MardiLyn Saathoff*

Kimberly A. Heiting*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE CORPORATION

David A. Weber*	President
Randolph S. Friedman	Vice President
Brody J. Wilson*	Treasurer and Controller
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- No changes.

NW NATURAL ENERGY, LLC

Wholly-owned subsidiary of Northwest Natural Holding Company (effective October 1, 2018)

Type of Operations: Holding Company

Year Created: 2009 (Oregon)

MANAGEMENT

NW Natural Energy, LLC is manager-managed

Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*

Frank H. Burkhartsmeier*

MardiLyn Saathoff*

Kimberly A. Heiting*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

David H. Anderson*	President and Chief Executive Officer
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Justin B. Palfreyman*	Vice President
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Brody J. Wilson*	Treasurer and Controller
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Shawn M. Filippi*	Corporate Secretary
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(*Officer of NWN)

CHANGES IN OFFICERS

- No changes.

NW NATURAL GAS STORAGE, LLC

Wholly-owned subsidiary of NW Natural Energy, LLC
Type of Operations: Natural Gas Storage Development
Year Created: 2009 (Oregon)

MANAGEMENT

NW Natural Gas Storage, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeyer*
MardiLyn Saathoff*
Kimberly A. Heiting*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

David A. Weber*	President and Chief Executive Officer
Justin B. Palfreyman*	Vice President
Brody J. Wilson*	Treasurer and Controller
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- No changes.

GILL RANCH STORAGE, LLC²

Wholly-owned subsidiary of NW Natural Gas Storage, LLC; NW Natural Gas Storage, LLC closed the sale of all of its membership interests in Gill Ranch Storage, LLC to an unaffiliated third-party effective December 4, 2020
Type of Operations: Natural Gas Storage
Year Created: 2007 (Oregon)

MANAGEMENT

Gill Ranch Storage, LLC is manager-managed
Manager: Board of Directors

² Directors and Officers are those holding such positions prior to completion of the sale on December 4, 2020.

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
MardiLyn Saathoff*
Kimberly A. Heiting*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes prior to December 4, 2020, effective date of sale.

OFFICERS OF THE LIMITED LIABILITY COMPANY

David A. Weber*	President and Chief Executive Officer
Justin B. Palfreyman*	Vice President
Brody J. Wilson*	Treasurer and Controller
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- No changes prior to December 4, 2020, effective date of sale.

TRAIL WEST HOLDINGS, LLC³

50% membership interest owned by NW Natural Energy, LLC; NW Natural Energy, LLC completed the sale of 100% of its interest in Trail West Holdings, LLC to an unaffiliated third-party effective August 6, 2020

50% membership interest owned by TransCanada American Investment Ltd.

Type of Operations: Gas Pipeline Owner

Year created: 2006 (Delaware)

MANAGEMENT

Management is by Management Committee consisting of: Justin B. Palfreyman, NW Natural Energy, LLC and Russell Mahan, TransCanada.

CHANGES IN MEMBERS OF MANAGEMENT COMMITTEE

- No changes prior to August 6, 2020, effective date of sale.

TRAIL WEST PIPELINE, LLC³

Wholly-owned subsidiary of Trail West Holdings, LLC; NW Natural Energy, LLC completed the sale of 100% of its interest in Trail West Holdings, LLC to an unaffiliated third-party effective August 6, 2020

Type of Operations: Gas Pipeline Owner and Operator

³ Management and Officers of Trail West Holdings, LLC, Trail West Pipeline, LLC and BL Credit Holdings, LLC, as applicable, are those holding such positions prior to completion of the sale on August 6, 2020.

Year Created: 2006 (Delaware)

MANAGEMENT

Management is by Management Committee of Trail West Holdings, LLC.

BL CREDIT HOLDINGS, LLC³

Wholly-owned subsidiary of Trail West Pipeline, LLC; NW Natural Energy, LLC completed the sale of 100% of its interest in Trail West Holdings, LLC to an unaffiliated third-party effective August 6, 2020

Type of Operations: Gas Transportation

Year Created: 2009 (Delaware)

MANAGEMENT

BL Credit Holdings, LLC is member-managed

OFFICERS OF THE LIMITED LIABILITY COMPANY

No officers of NWN are officers of the limited liability company

NORTHWEST BIOGAS, LLC

50% membership interest owned by Northwest Natural Holding Company

50% membership interest owned by BEF Renewable Incorporated

Type of Operations: Biodigester Owner

Year Created: 2008 (Oregon)

MANAGEMENT

Northwest Biogas, LLC is member-managed

Managing Member: Northwest Natural Holding Company

OFFICERS OF THE LIMITED LIABILITY COMPANY

Angus Duncan**	President
Barbara Summers	Vice President
Felicia Phillips**	Treasurer and Controller

** Not employees of NWN or its affiliates.

CHANGES IN OFFICERS

- No changes.

NW NATURAL WATER COMPANY, LLC

Wholly-owned subsidiary of Northwest Natural Holding Company (effective October 1, 2018)

Type of Operations: Holding company for acquisitions of water utilities and wastewater entities

Year Created: 2017 (Oregon)

MANAGEMENT

NW Natural Water Company, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

NW NATURAL WATER OF TEXAS, LLC

Wholly-owned subsidiary of NW Natural Water Company, LLC
Type of Operations: Platform for acquisitions of Texas water utilities
Year Created: 2019 (Texas)

MANAGEMENT

NW Natural Water of Texas, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

BLUE TOPAZ WATER, LLC

Wholly-owned subsidiary of NW Natural Water of Texas, LLC
Type of Operations: Platform for acquisitions of water utility assets
Year Created: 2019 (Texas)

MANAGEMENT

Blue Topaz Water, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

BLUE TOPAZ INFRASTRUCTURE, LLC

Wholly-owned subsidiary of NW Natural Water of Texas, LLC
Type of Operations: Platform for acquisitions of non-regulated assets
Year Created: 2019 (Texas)

MANAGEMENT

Blue Topaz Infrastructure, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

T & W WATER SERVICE COMPANY

Wholly-owned subsidiary of NW Natural Water of Texas, LLC
Type of Operations: Water Utility
Year Created: 1979 (Texas); acquired by NW Natural Water of Texas, LLC effective March 2, 2020

BOARD OF DIRECTORS

David H. Anderson, Chair*

Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- All members of the Board of Directors as of December 31, 2020 were appointed effective May 19, 2020.

OFFICERS OF THE CORPORATION

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- All officers as of December 31, 2020 were initially appointed effective May 19, 2020.
- Mr. Wilson was subsequently appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

NW NATURAL WATER OF OREGON, LLC

Wholly-owned subsidiary of NW Natural Water Company, LLC
Type of Operations: Platform for acquisitions of Oregon water utilities
Year Created: 2018 (Oregon)

MANAGEMENT

NW Natural Water of Oregon, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

SUNRIVER WATER LLC

Wholly-owned subsidiary of NW Natural Water of Oregon, LLC

Type of Operations: Water Utility

Year Created: 1998 (Oregon); acquired by NW Natural Water of Oregon, LLC effective May 31, 2019

MANAGEMENT

Sunriver Water LLC is manager-managed

Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*

Frank H. Burkhartsmeier*

Kimberly A. Heiting*

Justin B. Palfreyman*

MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

SUNRIVER ENVIRONMENTAL LLC

Wholly-owned subsidiary of NW Natural Water of Oregon, LLC
Type of Operations: Wastewater Company
Year Created: 1998 (Oregon); acquired by NW Natural Water of Oregon, LLC effective May 31, 2019

MANAGEMENT

Sunriver Environmental LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

SALMON VALLEY WATER COMPANY

Wholly-owned subsidiary of NW Natural Water Company, LLC
Type of Operations: Water Utility
Year Created: 1968 (Oregon); acquired through purchase of outstanding stock effective November 2, 2018

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*

MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE CORPORATION

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

SUNSTONE WATER, LLC

Wholly-owned subsidiary of NW Natural Water of Oregon, LLC
Type of Operations: Platform for acquisitions of water utility assets
Year Created: 2019 (Oregon)

MANAGEMENT

Sunstone Water, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

SUNSTONE INFRASTRUCTURE, LLC

Wholly-owned subsidiary of NW Natural Water of Oregon, LLC
Type of Operations: Platform for acquisitions of non-regulated assets
Year Created: 2019 (Oregon)

MANAGEMENT

Sunstone Infrastructure, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

NW NATURAL WATER OF IDAHO, LLC

Wholly-owned subsidiary of NW Natural Water Company, LLC
Type of Operations: Platform for acquisitions of Idaho water utilities
Year Created: 2018 (Idaho)

MANAGEMENT

NW Natural Water of Idaho, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

GEM STATE WATER COMPANY, LLC

Wholly-owned subsidiary of NW Natural Water of Idaho, LLC
Type of Operations: Platform for acquisitions of water utility assets
Year Created: 2018 (Idaho)

MANAGEMENT

Gem State Water Company, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

GEM STATE INFRASTRUCTURE, LLC

Wholly-owned subsidiary of NW Natural Water of Idaho, LLC
Type of Operations: Platform for acquisitions of non-regulated assets
Year Created: 2019 (Idaho)

MANAGEMENT

Gem State Infrastructure, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

FALLS WATER CO., INC.

Wholly-owned subsidiary of NW Natural Water of Idaho, LLC

Type of Operations: Water Utility

Year Created: 2006 (Idaho); acquired by merger with FWC Merger Sub, Inc. on September 12, 2018

BOARD OF DIRECTORS

David H. Anderson, Chair*

Frank H. Burkhartsmeier*

Kimberly A. Heiting*

Justin B. Palfreyman*

MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE CORPORATION

Justin B. Palfreyman* President

Brody J. Wilson* Treasurer

Shawn M. Filippi* Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

NW NATURAL WATER OF WASHINGTON, LLC

Wholly-owned subsidiary of NW Natural Water Company, LLC

Type of Operations: Platform for acquisitions of Washington water utilities

Year Created: 2018 (Washington)

MANAGEMENT

NW Natural Water of Washington, LLC is manager-managed

Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*

Frank H. Burkhartsmeier*

Kimberly A. Heiting*

Justin B. Palfreyman*

MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

CASCADIA WATER, LLC

Wholly-owned subsidiary of NW Natural Water of Washington, LLC
Type of Operations: Platform for acquisitions of water utility assets
Year Created: 2018 (Washington)

MANAGEMENT

Cascadia Water, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

CASCADIA INFRASTRUCTURE, LLC

Wholly-owned subsidiary of NW Natural Water of Washington, LLC
Type of Operations: Platform for acquisitions of non-regulated assets
Year Created: 2019 (Washington)

MANAGEMENT

Cascadia Infrastructure, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- No changes.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Mr. Wilson was appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

SUNCADIA WATER COMPANY, LLC

Wholly-owned subsidiary of NW Natural Water of Washington, LLC
Type of Operations: Water Utility
Year Created: 2004 (Washington); acquired by NW Natural Water of Washington, LLC effective January 31, 2020

MANAGEMENT

Suncadia Water Company, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- All members of the Board of Directors as of December 31, 2020 were appointed effective May 19, 2020.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- All officers as of December 31, 2020 were initially appointed effective May 19, 2020.
- Mr. Wilson was subsequently appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

SUNCADIA ENVIRONMENTAL COMPANY, LLC

Wholly-owned subsidiary of NW Natural Water of Washington, LLC
Type of Operations: Wastewater Company
Year Created: 2004 (Washington); acquired by NW Natural Water of Washington, LLC effective January 31, 2020

MANAGEMENT

Suncadia Environmental Company, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
Kimberly A. Heiting*
Justin B. Palfreyman*

MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- All members of the Board of Directors as of December 31, 2020 were appointed effective May 19, 2020.

OFFICERS OF THE LIMITED LIABILITY COMPANY

Justin B. Palfreyman*	President
Brody J. Wilson*	Treasurer
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- All officers as of December 31, 2020 were initially appointed effective May 19, 2020.
- Mr. Wilson was subsequently appointed Treasurer effective July 1, 2020. Mr. Wilson had been previously serving as Chief Financial Officer and Treasurer.

Exhibits included

Exhibits incorporated into this 2020 affiliated interested report include the following:

- Confidential Exhibit A provides financial statements as discussed in response to WAC 480-90-264 (2)(a) above.
- Exhibit B provides the Cost Allocation Manual discussed in several items above.
- Confidential Exhibit C provides a company organization chart as discussed in response to WAC 480-90-264 (1) above.