Statement of Basis

Tier I Operating Permit No. T1-2011.0064
Project ID 61388

Northwest Pipeline LLC - Soda Springs
Soda Springs, Idaho

Facility ID 007-00008

Final

June 27, 2014
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Permit Writer

The purpose of this Statement of Basis is to set forth the legal and factual basis for the Tier I operating permit terms and conditions, including references to the applicable statutory or regulatory provisions for the terms and conditions, as required by IDAPA 58.01.01.362

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1. INTRODUCTION AND APPLICABILITY

Northwest Pipeline LLC – Soda Springs is a natural gas compression station, and is located at SE ¼ NW ¼ Section 22, T10S, R43E. The facility is classified as a major facility, as defined by IDAPA 58.01.01.008.10.c, because it emits or has the potential to emit NO_X and CO above the major source threshold of 100 tons-per-year. The facility is also classified as a major facility, as defined by Subsection 008.10.a, because it emits or has the potential to emit Formaldehyde above the major source thresholds of 10 tons-per-year for any single HAP and more than 25 tons-per-year for the combination of HAPs. As a major facility, Northwest Pipeline LLC – Soda Springs is required to apply for a Tier I operating permit pursuant to IDAPA 58.01.01.301. This project is change the facility name from Northwest Pipeline GP to Northwest Pipeline LLC – Soda Springs. This permit expires June 15, 2016.

2. FACILITY INFORMATION

2.1 Facility Description

The Soda Springs Compressor Station operates remotely from Northwest Pipeline LLC's headquarters, located in Salt Lake City, and is used to compress and transmit natural gas along their natural gas transmission pipeline. The station is operated to meet the demand of the pipeline system rather than a fixed schedule. The arrangement of pipes and valves in the Soda Springs pipe yard allows natural gas to be transmitted in either direction.

Natural gas entering the station passes through a cyclone separator that removes impurities from the gas stream. The natural gas is compressed through the compressor and is returned to the transmission pipeline. Four reciprocating internal-combustion engines, which the permittee refers to as Unit 1, Unit 2, Unit 3, and Unit 4, drive the integral compressors. Fuel for the reciprocating engines and other natural gas combustion equipment enters the station in separate piping that originates in the compressor station downstream of the filter. Fuel gas is lowered from mainline pressures (to pressures appropriate for the reciprocating engines) in the fuel meter building. From the fuel meter building, natural gas is piped to the reciprocating engines, the boiler, space heaters, and the backup generator. The reciprocating engines, boiler, backup generator, and space heaters have their own exhaust stacks.

2.2 Facility Permitting History

2.2.1 Tier I Operating Permit History – Previous 5-year permit term August 4, 2006 to August 4, 2011

The following information is the permitting history of this Tier I facility during the previous five-year permit term which was from August 4, 2006 to August 4, 2011. This information was derived from a review of the permit files available to DEQ. Permit status is noted as active and in effect (A) or superseded (S).

August 4, 2006	T1-030314, Permit renewal, Permit status (S)
March 21, 2008	T1-2007-0215, Administrative amendment to change facility name, Permit status (A), will be superseded with the issuance of this permit.

2.2.2 Underlying Permit History – Includes every underlying permit issued to this facility

The following information is the comprehensive permitting history of all underlying applicable permits issued to this Tier I facility. This information was derived from a review of the permit files available to DEQ. Permit status is noted as active and in effect (A) or superseded (S).

January 3, 2001	Tier I Operating Permit No. 039-00022, Initial permit, Permit status (S)
March 6, 2003	T1-020058, Administrative permit amendment to reflect a change of responsible official to Gordon Hamilton, Permit status (S)

3. APPLICATION SCOPE AND APPLICATION CHRONOLOGY

3.1 Application Scope

This permitting action is for changing facility name from Northwest Pipeline GP to Northwest Pipeline LLC – Soda Springs. This permitting action is an administrative amendment to the Tier I operating permit.

3.2 Application Chronology

June 2, 2014	DEQ received an application from NWPGP for facility name change.
June 27, 2014	DEQ issued the final permit and statement of basis.

4. EMISSIONS UNITS, PROCESS DESCRIPTION(S), AND EMISSIONS INVENTORY

Refer to the statement of basis for Tier I Operating Permit No. T1-2011.0064 project 60786, issued June 10, 2011.

5. EMISSIONS LIMITS AND MRRR

General Provisions of the Tier I operating permit is updated using the ones taken from the current template. For other permit conditions, refer to the statement of basis for Tier I Operating Permit No. T1-2011.0064 project 60786, issued June 10, 2011.

6. REGULATORY REVIEW

Refer to the statement of basis for Tier I Operating Permit No. T1-2011.0064 project 60786, issued June 10, 2011.

7. PUBLIC COMMENT

In accordance with IDAPA 58.01.01.381, a public comment period is not required for an administrative amendment of a Tier I operating permit.

8. EPA REVIEW OF PROPOSED PERMIT

In accordance with IDAPA 58.01.01.381, EPA review is not required for an administrative amendment of a Tier I operating permit.