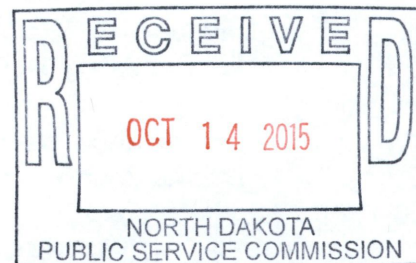




October 13, 2015

Via Overnight Delivery

Patrick Fahn
Director, Compliance and Competitive Markets
North Dakota Public Service Commission
600 East Boulevard, Dept. 408
Bismarck, ND 58505-0480



**RE: Case Nos. PU-10-568, PU-10-666, PU-11-66, PU-11-683 and PU-12-656
Post Construction Inspection Report Follow-up**

ONEOK Rockies Midstream, L.L.C. ("ORM") received your letter, dated August 28, 2015 (the "Letter"), which requested information identified in Post Construction Inspection Reports prepared for the North Dakota Public Service Commission ("PSC") associated with the above referenced projects. On September 22, 2015, you granted an extension to ORM until on or before October 16, 2015 to respond to the requests included in the Letter. Accordingly, ORM respectfully submits the below responsive statements and/or enclosed materials.

1. PU-10-568 – Garden Creek Gas Plant, McKenzie County, North Dakota

PSC Request:

As per the post construction inspection report, the following information should be provided:

- *Copy of the air permit and the discharge permit for hydrostatic testing of pipe have not been supplied to the Commission. Order Point No.4 is complete contingent on these permits being supplied to the Commission.*
- *As-built drawings. (Order Point No. 25)*

ORM Response:

See the enclosed materials at Tab A.

The Garden Creek I Plant was issued its North Dakota Air Pollution Control Permit to Construct No. PTC11010 by the North Dakota Department of Health ("NDDH") on May 10, 2011. Please note that a major source Operating Permit for the Garden Creek Gas Plants has not yet been issued. ORM plans to timely submit the application for the Operating Permit on or before October 31, 2015.

127 PU-10-666 Filed: 10/14/2015 Pages: 30
Response to Aug. 28, 2015 letter re post
construction inspection report

ONEOK Rockies Midstream, L.L.C.
Geoff Sands, VP, Natural Gas Operations

{00070701 - 1}ONEOK
Partners, L.P.
100 West Fifth Street
Tulsa, OK 74103
www.oneokpartners.com

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Patrick Fahn

The NDDH issued ORM its National Pollutant Discharge Elimination System ("NPDES") Permit No. NDG070254 on March 18, 2011, authorizing discharge under the General Permit for Temporary Dewatering/Hydrostatic Testing Permit No. NDG070000.

The enclosed "as-built" drawings for the Garden Creek I plant were prepared with the North Dakota Coordinate System (NAD 83).

2. PU-10-666 – Stateline 1 and Stateline 2 Gas Plants, Williams County, North Dakota

PSC Request:

As per the post construction inspection report, the following information should be provided:

- *A copy of the letter of coverage for the storm water pollution prevention plan (SWPPP), a copy of the SHPO approved undiscovered finds plan, and the Department of Health air permit to the Commission. Once all permits and licenses have been supplied to the Commission, the Commission can deem the Company compliant with Order Point No. 4.*
- *As-built drawings. (Order Point Nos. 30 and 31)*

ORM Response:

See the enclosed materials at Tab B.

On April 26, 2011, the NDDH issued NPDES General Permit NDR10-000 for Stormwater Discharges from Construction Activities (Permit ID Number NDR103746).

No new discoveries of cultural or historic sites were encountered during construction. In the attached materials, ORM includes copies of the State Historic Preservation Office ("SHPO") concurrence letter dated January 10, 2011, and the Undiscovered Finds Plan for the project.

The Stateline I and II Plant was issued its North Dakota Air Pollution Control Permit to Construct No. PTC12041 by the NDDH on July 10, 2013. Please note that a major source Operating Permit for the Stateline Gas Plants has not yet been finalized. ORM submitted the application for the Operating Permit on January 2, 2015.

The enclosed "as-built" drawings for the Stateline I and II plants were prepared with the North Dakota Coordinate System (NAD 83).

October 13, 2015
Patrick Fahn

3. PU-11-66 – Garden Creek to Riverview NGL Pipeline, McKenzie County, North Dakota

PSC Request:

As per the post construction inspection report, the following information should be provided:

- *Tree and Shrub Update Reports (Certification Point 20); and*
- *Documentation of re-vegetation surveys and noxious weed surveys (Certification Point 17, 18, 19).*

ORM Response:

At this time, ORM does not have any Tree and Shrub Update Reports to provide. ORM plans to complete the Tree and Shrub Mitigation Plan for the Garden Creek to Riverview Natural Gas Liquids (“NGL”) Pipeline as part of its planned expansion project for its 16-inch Garden Creek Loop NGL Pipeline Project for which ORM’s affiliate, ONEOK Bakken Pipeline, L.L.C., intends to file an application for a Route Permit and Corridor Certificate during October 2015.

In addition, ORM conducted its revegetation efforts for the Garden Creek to Riverview NGL Pipeline as part of its construction stormwater permitting requirements under the state’s General Construction Permit, which has been closed with the NDDH. Under the NDDH General Permit, an applicant has achieved revegetation when the project has obtained a 70% revegetation with permitted native species, which was accomplished for the Garden Creek to Riverview NGL Pipeline.

All revegetation efforts are conducted in accordance with the North Dakota Noxious Weed Statute, NDCC § 4.1-47-02, which does not require separate noxious weed surveys.

4. PU-11-683 – Stateline NGL Pipeline, Williams County, North Dakota

PSC Request:

As per the post construction inspection report, the following information should be provided:

- *Verification that design, construction and operation is in compliance with US DOT 49 CFR Parts 194 and 195 (Certification Points 7 and 9);*
- *Report on presence or lack thereof of threatened or endangered species, bald or golden eagles during construction (Certification Point 11);*
- *Verification that fencing and warning signs were installed around block valves (Certification Point 9);*
- *Verification that wetland disturbances were permitted, or mitigation measures used during construction to minimize disturbances to wetland areas (Certification Point 4);*

October 13, 2015
Patrick Fahn

- *Documentation of noxious weed management procedures used during construction (Certification Point 26); and*
- *Verification of final reclamation and establishment of vegetation including documentation that Canada thistle did not spread post-construction (Certification Points 18-20).*

ORM Response:

See the enclosed materials at Tab C.

In addition, please note that the Stateline NGL Pipeline is a natural gas liquids pipeline, which was constructed and is operated in accordance with 49 CFR Part 195. The Pipeline Hazardous Materials Safety Administration ("PHMSA") conducted separate audits of the pipeline during construction, hydrostatic testing, and operation of the pipeline to verify its compliance under 49 CFR Part 195. The construction audits occurred during July and August 2012. The hydrostatic test audit occurred on August 28, 2012. The operation audit occurred between July 7 -10, 2014. ORM received no indications or responses from PHMSA to indicate that the pipeline was not constructed, tested or operated in accordance with 49 CFR Part 195.

No critical habitat or threatened species, endangered species, bald eagles, or golden eagles were observed during ORM's pre-construction pedestrian survey of the project area. Additionally, none were observed to be present in the permit area during construction activity.

ORM has enclosed copies of the photographs of fencing and warning signs around all block valves.

The Stateline NGL Pipeline was constructed under the authorization of U.S. Army Corps of Engineers Nationwide Permit 12 ("NWP12"). As authorized, the NWP12 conditions were followed to avoid and minimize wetland disturbances.

Please also see the above response on the Garden Creek to Riverview NGL Pipeline project on the subjects of revegetation and noxious weed management. ORM verifies that during construction the appropriate mitigation measures were applied to prevent the spread of Canada Thistle located south of Highway 2 (Approx Mile Post 7.4). ONEOK has inspected the area surrounding the identified location and will continue to work to mitigate for any spread of the species.

5. PU-12-656 – Garden Creek II Gas Plant, McKenzie County, North Dakota

PSC Request:

The post construction report was issued on April 30, 2015. As per the post construction inspection report, the following information should be provided:

October 13, 2015
Patrick Fahn

- *Verification that McKenzie County approved the zoning change for the property that the project is located on. (Certification Relating to Order Provisions 3)*
- *Weekly reports for the weeks of 09/29/2013, 04/27/2014, 05/04/2014, and 08/10/2014. (Certification Relating to Order Provisions 5)*
- *As-built drawings. (Certification Relating to Order Provisions 32)*
- *Verification that a USFWS consultation response was received on March 26, 2012. (Certification Relating to Order Provisions 3)*
- *Verification that the following permits were received: Air Pollution Control permit Operating Permit*
- *Construction Storm Water Discharge Permit*
- *Temporary Construction Site Dewatering Permit*
- *Hydrostatic Test Water Discharge Permit (Certification Relating to Order Provisions 3)*

ORM Response:

See the enclosed materials at Tab D.

The Garden Creek II Plant was issued its North Dakota Air Pollution Control Permit to Construct No. PTC13034 by the NDDH on May 6, 2013. Please note that a major source Operating Permit for the Garden Creek Gas Plants has not yet been issued. ORM plans to timely submit the application for the Operating Permit on or before October 31, 2015.

ORM verifies that a USFWS consultation response was received on March 26, 2012. Please reference the letter to USFWS dated February 9, 2012 and note the USFWS stamp at the bottom of the page dated March 26, 2012 that confirms their concurrence with ORM's findings.

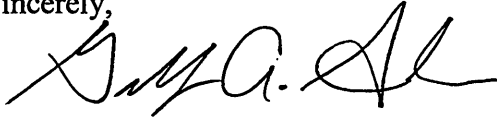
A separate Temporary Construction Site Dewatering Permit was not required and is not applicable to this project. The dewatering conducted for this project is authorized under the Stormwater Discharge from Construction Activities NPDES General Permit NDR10-000 (Permit ID Number NDR103445). Additionally, this project is covered under NPDES Permit No. NDG070416, which authorizes discharge under the General Permit for Temporary Dewatering/Hydrostatic Testing Permit NDG070000.

Based on the above statements and enclosed materials, ORM believes it has complied with all items ordered by the PSC for the referenced projects.

October 13, 2015
Patrick Fahn

Thank you for your attention to the foregoing and enclosed materials. Please contact me with any questions or concerns you may have.

Sincerely,

A handwritten signature in black ink, appearing to read "Geoff A. Sands". The signature is fluid and cursive, with the first name "Geoff" being the most prominent.

Geoff A. Sands
Vice President, Natural Gas Gathering and Processing Operations

Enclosures

cc: Wesley J. Christensen, Senior Vice President, Operations (w/out encl.)
Walter L. Allen, Vice President, NGL Pipelines and Terminals (w/out encl.)
Brian Boulter, Vice President, Construction Projects (w/out encl.)

Tab B

PU-10-666 – Stateline 1 and Stateline 2 Gas Plants, Williams County, North Dakota

- Notice of Coverage for the storm water pollution prevention plan (SWPP letter dated 4/26/11)
- SHPO Concurrence
- Unanticipated Discoveries CR Plan
- North Dakota Air Pollution Control Permit – Construct No. PTC12041 (Construction Permit for Stateline Gas Plant)
- Drawings (Stateline Gas Plants)



April 26, 2011

North Dakota Pollutant Discharge Elimination System (NDPDES)
General Permit for Stormwater Discharges from Construction Activity
NOTICE OF COVERAGE

Permittee(s)

Owner Contact: Lynn Reed
Oneok Partners, Bear Paw Energy
100 West Fifth Street
Tulsa, OK 74103-4298

Operator Contact: Al Cuykendall
Bear Paw Energy
16001 Bennie Pierre Road
Sidney MT 59270

Coverage under the 2009 reissued construction general permit (NDR10-0000) is identified as follows:

Permit ID: Site Name:
NDR103746 **Stateline Gas Plants 1 and 2**

Please remember to update the Stormwater Pollution Prevention (SWPP) plan as appropriate for site conditions. The best management practices (BMPs) and temporary structures must be inspected, maintained and adjusted until the site is stabilized following construction activities. Once the site is stabilized as outlined in the general permit, you may end permit coverage by filing a termination notice. Cities or counties may impose additional requirements and/or specific BMPs for construction affecting their storm drainage system. Please check with the local officials to be sure all local stormwater management considerations are addressed.

Additional Information

The permit conditions, forms and related information may be found on our web site at:

www.ndhealth.gov/wq/Storm/Construction/ConstructionHome.htm

Should you have any questions on the permit, please contact a stormwater staff person listed below.

Dallas Grossman
Division of Water Quality
701.328.5242
dgrossma@nd.gov



STATE
HISTORICAL
SOCIETY
OF NORTH DAKOTA

Jack Dalrymple
Governor of North
Dakota

North Dakota
State Historical Board

Chester E. Nelson, Jr.
Bismarck - President

Gereld Gerntholz
Valley City - Vice President

Richard Kloubec
Fargo - Secretary

Albert I. Berger
Grand Forks

Calvin Grinnell
New Town

Diane K. Larson
Bismarck

A. Ruric Todd III
Jamestown

Sara Otte Coleman
Director
Tourism Division

Kelly Schmidt
State Treasurer

Alvin A. Jaeger
Secretary of State

Mark A. Zimmerman
Director
Parks and Recreation
Department

Francis Ziegler
Director
Department of
Transportation

Merlan E. Paaverud, Jr.
Director

Accredited by
the American Association
of Museums since 1986

January 10, 2011

Judith R. Cooper
Principal Investigator
SWCA Environmental Consultants
116 North 4th Street, Suite 200
Bismarck, North Dakota 58501

NDSHPO REF.: 11-0502 PSC Bear Paw Energy State Line Gas Plant Cultural Resources Class I and Class III Inventory Report, Williams County [T155N R103W Section 21, SW1/4]

Dear Judy:

We have received and reviewed correspondence and project document: 11-0502 PSC Bear Paw Energy State Line Gas Plant: "A Class I and Class III Cultural Resource Inventory of the State Line Gas Plant, Williams County," by Stephanie Lechert and Jolene Schleicher (SWCA Report Number, 10-483, January 2010). Thank you for the report.

We concur with a "No Historic Properties Affected" and "No Significant Sites Affected" determination provided the project area is as located and described in the report.

If you have questions please contact either Paul Picha at ppicha@nd.gov or (701) 328-3574 or Susan Quinnell at squinnell@nd.gov or (701) 328-3576.

Sincerely,

Merlan E. Paaverud, Jr.
State Historic Preservation Officer (North Dakota)
and
Director, State Historical Society of North Dakota

c: Patrick Fahn, North Dakota Public Service Commission

State Line Gas Plant

Cultural Resources Training for Construction Personnel

Prepared by SWCA Environmental Consultants

Procedures for Addressing Discoveries Identified by Construction Personnel

Step 1: Discovery of archaeological artifacts or features – STOP all construction activities and notify the Construction Manager.

Step 2: Construction Manager will notify Bear Paw project manager.

Step 3: Establish a buffer zone around the discovery to allow for adequate and safe investigation of the discovery and associated artifacts/features. A buffer zone of at least 100 feet (30 meters) is recommended. Install visual barriers, such as temporary fencing around the discovery area to protect it from further disturbance. Vehicle traffic within the vicinity may need to be limited or halted until the discovery is inspected.

Step 4: Bear Paw's responsible party will notify and consult with an archaeologist qualified under NDAC Section 40-02-02 to review the discovery. The archaeologist will determine if a field visit is required and during the field visit determine if the discovery is potentially significant.

If the archaeologist determines that the discovery is non-cultural, Bear Paw will be notified and the halted construction activity can resume.

Special Procedures for Discoveries of Human Remains

Step 1: Should human remains be encountered during construction of the State Line Gas Plant, follow Steps 1 through 3 outlined above.

Care will be taken to prevent any disturbance of the potential human remains during removal of vehicles and equipment. Until appropriate consultation has occurred, the discovery shall remain protected from any disturbance, such that no remains or associated artifacts are touched, moved, or collected.

Step 2: Bear Paw will immediately notify local law enforcement, the county coroner, and the SHSND. Contact information for relevant parties is listed in Table 1.

The coroner and local law enforcement will make the official ruling on the nature of the remains, being either forensic or archaeological. The subsequent treatment of the discovery, including custody of the remains, will follow guidelines set forth in the NDCC Chapter 23-06 and NDAC Section 40-02-03.

Table 1. Contact Information.

Contact/Agency	Phone	Address
Bear Paw Project Manager -		
County Sherriff's Office (Scott Busching), Williams County, North Dakota	701-577-7700	223 East Broadway, Suite 301 Williston, North Dakota 58801
Coroner (Franklin McCoy, Jr.), Williams County, North Dakota	701-774-7400	Mercy Medical Center 1301 15th Avenue West Williston, North Dakota 58801
Chief Archaeologist (Paul Picha), Archaeology and Historic Preservation Division, North Dakota State Historical Society	701-328-3574	North Dakota State Historical Society 612 East Boulevard Ave. Bismarck, North Dakota 58505



NORTH DAKOTA
DEPARTMENT of HEALTH

ENVIRONMENTAL HEALTH SECTION
Gold Seal Center, 918 E. Divide Ave.
Bismarck, ND 58501-1947
701.328.5200 (fax)
www.ndhealth.gov



July 10, 2012

RECEIVED

JUL 13 2012

ONEOK
CORP ENVIRONMENTAL

Ms. Deborah Perry
ONEOK Rockies Midstream, LLC
P.O. Box 871
Tulsa, OK 74102-0871

Re: Air Pollution Control
Permit to Construct

Dear Ms. Perry:

Pursuant to the Air Pollution Control Rules of the State of North Dakota, the Department of Health has completed final review of your application to obtain a Permit to Construct for the **Stateline Gas Plant** to be located in Williams County, North Dakota.

Based on the results of the documents reviewed, this Department hereby issues the enclosed North Dakota Air Pollution Control Permit to Construct No. PTC12041.

Please advise the Department within 15 days after completing the project to allow for an inspection by the Department.

Note that the above-referenced permit addresses only air quality requirements applicable to your facility. Other divisions (Water Quality, Waste Management and Municipal Facilities) within the Environmental Health Section may have additional requirements. Contact information for the various divisions is listed at the bottom of this letter.

If you have any questions regarding air quality, please contact me at (701)328-5188.

Sincerely,

Craig D. Thorstenson
Environmental Engineer
Division of Air Quality

CDT:saj
Enc:

G&P ENVIRONMENTAL

Original to CES: 1) Deb DL 2) Lynn HL
pdf to ES*: BM KL KP MA JJ
**To be Saved to SharePoint by ES*
pdf to Ops Mgr: PA KO BH DV
pdf to Ops/Engr/Other: _____
pdf to Tester: Mike (OK & KS) or Chris (WY)
or EEMC (ND & MT)
Extra Copy EIMS/REMIS: _____
pdf Scan to Above/File (Date/By) 7-25-12
SD

Environmental Health
Section Chief's Office
701.328.5150

Division of
Air Quality
701.328.5188

Division of
Municipal Facilities
701.328.5211

Division of
Waste Management
701.328.5166

Division of
Water Quality
701.328.5210



**AIR POLLUTION CONTROL
PERMIT TO CONSTRUCT**

Pursuant to Chapter 23-25 of the North Dakota Century Code, and the Air Pollution Control Rules of the State of North Dakota (Article 33-15 of the North Dakota Administrative Code), and in reliance on statements and representations heretofore made by the owner designated below, a Permit to Construct is hereby issued authorizing such owner to construct and initially operate the source unit(s) at the location designated below. This Permit to Construct is subject to all applicable rules and orders now or hereafter in effect of the North Dakota Department of Health and to any conditions specified below:

I. General Information:

A. **Permit to Construct Number:** PTC12041

B. **Source:**

1. Name: ONEOK Rockies Midstream, LLC
2. Location: Stateline Gas Plant
SW ¼, Sec. 21, T155N, R103W
Williams County, North Dakota
3. Source Type: Natural Gas Processing Plant
4. Equipment at the Facility:

Emission Unit Description	Emission Unit (EU)	Emission Point (EP)	Air Pollution Control Equipment
Hot oil heater rated at 50.2 million Btu/hr and fired on natural gas	H-1A	H-1A	None
Hot oil heater rated at 50.2 million Btu/hr and fired on natural gas	H-1B	H-1B	None
Regeneration gas heater rated at 4.9 million Btu/hr and fired on natural gas	H-2A	H-2A	None
Regeneration gas heater rated at 4.9 million Btu/hr and fired on natural gas	H-2B	H-2B	None
210 barrel (8,820 gallon) methanol storage tank	TK-1	TK-1	Submerged Fill Pipe
210 barrel (8,820 gallon) methanol storage tank	TK-2	TK-2	Submerged Fill Pipe

Emission Unit Description	Emission Unit (EU)	Emission Point (EP)	Air Pollution Control Equipment
One Caterpillar Model G3516C LE engine-driven generator with a maximum rating of 1,462 bhp and fired on natural gas	EGEN-1	EGEN-1	None
One Caterpillar Model G3516C LE engine-driven generator with a maximum rating of 1,462 bhp and fired on natural gas	EGEN-2	EGEN-2	None
Truck loading	TL-1	TL-1	None
Truck loading	TL-2	TL-2	None
Flare (process/emergency)	FL-1	FL-1	None
Flare (process/emergency)	FL-2	FL-2	None
Fugitive emissions	Various	Fugitive	None

C. **Owner/Operator (Permit Applicant):**

1. Name: ONEOK Rockies Midstream, LLC
2. Address: P.O. Box 871
Tulsa, OK 74102-0871
3. Application Date: May 1, 2012

II. **Conditions:** This Permit to Construct allows the construction and initial operation of the above-mentioned new or modified equipment at the source. The source may be operated under this Permit to Construct until a Permit to Operate is issued unless this permit is suspended or revoked. The source is subject to all applicable rules, regulations, and orders now or hereafter in effect of the North Dakota Department of Health and to the conditions specified below.

A. **Emission Limits:** Emission limits from the operation of the major source unit(s) identified in Item I.B of this Permit to Construct (hereafter referred to as "permit") are as follows. Minor source units not listed are subject to the applicable emission limits specified in the North Dakota Air Pollution Control Rules.

Emission Unit Description	EU	EP	Pollutant / Parameter	Emission Limit
Hot oil heater rated at 50.2 MMBtu/hr	H-1A	H-1A	Opacity	20% (40%**)
Hot oil heater rated at 50.2 MMBtu/hr	H-1B	H-1B	Opacity	20% (40%**)
Hot oil heater rated at 4.9 MMBtu/hr	H-2A	H-2A	Opacity	20% (40%**)
Hot oil heater rated at 4.9 MMBtu/hr	H-2B	H-2B	Opacity	20% (40%**)
Engine-driven generator*	EGEN-1	EGEN-1	Opacity	20% (40%**)
Engine-driven generator*	EGEN-2	EGEN-2	Opacity	20% (40%**)
Flare	FL-1	FL-1	Opacity	20% (60%**)
Flare	FL-2	FL-2	Opacity	20% (60%**)

* If applicable, the engines must also comply with NOx, CO and VOC emission limits established in 40 CFR 60, Subpart JJJJ. Emissions from each engine are

based on

500 hours of operation annually.

** Permissible for not more than one six-minute period per hour.

- B. **Stack Heights:** Emissions from the hot oil heaters (EU H-1A and EU H-1B) shall be vented from stack heights which are at least 1.5 times the height of any nearby building. A nearby building is any building located a distance of less than five times the building height from the stack.
- C. **Fuel Restriction:** All equipment at the facility is restricted to combusting only natural gas containing no more than 2 grains of sulfur per 100 standard cubic feet.
- D. **Flaring Restrictions:**
1. Flaring may not be used to burn waste gas for the purpose of increasing or maintaining well production without prior approval from the Department. When it is necessary to operate the flare during emergency, malfunction or maintenance, all precautions shall be taken to minimize emissions and maintain compliance with the applicable ambient air quality standards as outlined in NDAC 33-15-02 and the opacity standard of 20% not to exceed 60% for more than one six-minute period per hour.
 2. The flare must be equipped and operated with an automatic ignitor or a continuous burning pilot which must be maintained in good working order as outlined in NDAC 33-15-07-02.
 3. The presence of a flame shall be monitored using a thermocouple or any other equivalent device approved by the Department.
- E. **40 CFR 60, Subpart Dc:** The hot oil heaters (EU H-1A and EU H-1B) are subject to the requirements of 40 CFR 60, Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and the owner/operator must comply with all applicable requirements of this subpart.
- F. **40 CFR 60, Subpart KKK:** The facility must comply with all applicable requirements of 40 CFR 60, Subpart KKK – Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing.
- G. **40 CFR 60, Subpart JJJJ:** The owner/operator must comply with all applicable requirements of 40 CFR 60, Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines.
- H. **40 CFR 63, Subpart ZZZZ:** The engines may be subject to 40 CFR 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. For this subpart, EPA Region 8, not the North Dakota Department of Health, is the implementing and enforcement authority. All documentation should be sent to EPA at the following address:

U.S. EPA Region 8
1595 Wynkoop Street
Mail Code 8ENF – AT
Denver, CO 80202-1129

- I. **Organic Compounds Emissions:** The permittee shall comply with all applicable requirements of NDAC 33-15-07 – Control of Organic Compounds Emissions.
- J. **Vehicles and Internal Combustion Engines:** No person shall operate, or cause to be operated, any internal combustion engine which emits from any source any unreasonable and excessive smoke, obnoxious or noxious gases, fumes or vapors in accordance with NDAC 33-15-08-01.
- K. **Construction:** Construction of the above described facility shall be in accordance with information provided in the permit application as well as any plans, specifications and supporting data submitted to the Department. The Department shall be notified ten days in advance of any significant deviations from the specifications furnished. The issuance of this Permit to Construct may be suspended or revoked if the Department determines that a significant deviation from the plans and specifications furnished has been or is to be made.
- Any violation of a condition issued as part of this permit to construct as well as any construction which proceeds in variance with any information submitted in the application, is regarded as a violation of construction authority and is subject to enforcement action.
- L. **Startup Notice:** A notification of the actual date of initial startup shall be submitted to the Department within 15 days after the date of initial startup.
- M. **Permit Invalidation:** This permit shall become invalid if construction is not commenced within eighteen months after issuance of such permit, if construction is discontinued for a period of eighteen months or more; or if construction is not completed within a reasonable time.
- N. **Fugitive Emissions:** The release of fugitive emissions shall comply with the applicable requirements in NDAC 33-15-17.
- O. **Annual Emission Inventory/Annual Production Reports:** The owner/operator shall submit an annual emission inventory report or an annual production report, upon request, on forms supplied or approved by the Department.
- P. **Source Operations:** Operations at the installation shall be in accordance with statements, representations, procedures and supporting data contained in the initial application, and any supplemental information or application(s) submitted

thereafter. Any operations not listed in this permit are subject to all applicable North Dakota Air Pollution Control Rules.

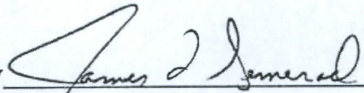
- Q. **Alterations, Modifications or Changes:** Any alteration, repairing, expansion, or change in the method of operation of the source which results in the emission of an additional type or greater amount of air contaminants or which results in an increase in the ambient concentration of any air contaminant, must be reviewed and approved by the Department prior to the start of such alteration, repairing, expansion or change in the method of operation.
- R. **Recordkeeping:** The owner/operator shall maintain any compliance monitoring records required by this permit or applicable requirements. The owner/operator shall retain records of all required monitoring data and support information for a period of at least five years from the date of the monitoring sample, measurement, report or application. Support information may include all calibration and maintenance records and all original strip-chart recordings/computer printouts for continuous monitoring instrumentation, and copies of all reports required by the permit.
- S. **Nuisance or Danger:** This permit shall in no way authorize the maintenance of a nuisance or a danger to public health or safety.
- T. **Malfunction Notification:** The owner/operator shall notify the Department of any malfunction which can be expected to last longer than twenty-four hours and can cause the emission of air contaminants in violation of applicable rules and regulations.
- U. **Operation of Air Pollution Control Equipment:** The owner/operator shall maintain and operate all air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions.
- V. **Transfer of Permit to Construct:** The holder of a permit to construct may not transfer such permit without prior approval from the Department.
- W. **Right of Entry:** Any duly authorized officer, employee or agent of the North Dakota Department of Health may enter and inspect any property, premise or place at which the source listed in Item I.B of this permit is located at any time for the purpose of ascertaining the state of compliance with the North Dakota Air Pollution Control Rules. The Department may conduct tests and take samples of air contaminants, fuel, processing material, and other materials which affect or may affect emissions of air contaminants from any source. The Department shall have the right to access and copy any records required by the Department's rules and to inspect monitoring equipment located on the premises.
- X. **Other Regulations:** The owner/operator of the source unit(s) described in Item I.B of this permit shall comply with all State and Federal environmental laws and

rules. In addition, the owner/operator shall comply with all local burning, fire, zoning, and other applicable ordinances, codes, rules and regulations.

- Y. **Permit Issuance:** This permit is issued in reliance upon the accuracy and completeness of the information set forth in the application. Notwithstanding the tentative nature of this information, the conditions of this permit herein become, upon the effective date of this permit, enforceable by the Department pursuant to any remedies it now has, or may in the future have, under the North Dakota Air Pollution Control Law, NDCC Chapter 23-25. Each and every condition of this permit is a material part thereof, and is not severable.
- Z. **Odor Restrictions:** The owner/operator shall not discharge into the ambient air any objectionable odorous air contaminant which is in excess of the limits established in NDAC 33-15-16.

FOR THE NORTH DAKOTA
DEPARTMENT OF HEALTH

Date 7/10/2012

By 
for Terry L. O'Clair, P.E.
Director
Division of Air Quality



AIR QUALITY EFFECTS ANALYSIS
FOR
PERMIT TO CONSTRUCT

Applicant:

ONEOK Rockies Midstream, LLC
P.O. Box 871
Tulsa, OK 74102-0871

Source Location:

Stateline Gas Plant
Williams County, North Dakota
SW ¼, Sec. 21, T155N, R103W

Introduction:

ONEOK Rockies Midstream, LLC submitted an application on May 1, 2012 for the construction and initial operation of a gas plant to be known as the Stateline Gas Plant. The following table illustrates the proposed equipment at the facility (note: all compressor engines at the facility will be electric engines).

Emission Unit Description	Emission Unit (EU)	Emission Point (EP)	Air Pollution Control Equipment
Hot oil heater rated at 50.2 million Btu/hr and fired on natural gas	H-1A	H-1A	None
Hot oil heater rated at 50.2 million Btu/hr and fired on natural gas	H-1B	H-1B	None
Regeneration gas heater rated at 4.9 million Btu/hr and fired on natural gas	H-2A	H-2A	None
Regeneration gas heater rated at 4.9 million Btu/hr and fired on natural gas	H-2B	H-2B	None
210 barrel (8,820 gallon) methanol storage tank	TK-1	TK-1	Submerged Fill Pipe
210 barrel (8,820 gallon) methanol storage tank	TK-2	TK-2	Submerged Fill Pipe
One Caterpillar Model G3516C LE engine-driven generator with a maximum rating of 1,462 bhp and fired on natural gas	EGEN-1	EGEN-1	None

Emission Unit Description	Emission Unit (EU)	Emission Point (EP)	Air Pollution Control Equipment
One Caterpillar Model G3516C LE engine-driven generator with a maximum rating of 1,462 bhp and fired on natural gas	EGEN-2	EGEN-2	None
Flare (process/emergency)	FL-1	FL-1	None
Flare (process/emergency)	FL-2	FL-2	None
Fugitive emissions	F1	F1	None

Process Description:

Raw, sweet field gas enters the plant via pipeline and condensate is removed. The gas is then filtered and dehydrated using mole sieve dehydration. A cryogenic turboexpander process removes the natural gas liquids (NGL) from the gas stream, thereby separating the methane product from the NGL product. Each of these main product streams leaves the plant via pipeline. Several electric-driven compressors are used to compress process overheads, methane product and propane refrigerant.

Hot oil is used as a heat transfer medium throughout the plant and a natural gas-fired heater is used to heat the hot oil. The mole sieves are regenerated using heat from a small regeneration heater that heats natural gas, which passes through the mole sieves to release moisture. Produced water, methanol, lube oil and used oil are stored in atmospheric storage tanks. NGL product and natural gasoline condensate are stored in pressurized tanks. Condensate / natural gasoline leaves the plant through trucks equipped with a vapor balance system. A flare system is used for safety, maintenance, emergencies, upsets and process flaring as needed.

Applicable Rules / Allowable Emissions:

A. Chapter 33-15-02 – Ambient Air Quality Standards

The facility must comply with the Ambient Air Quality Standards (AAQS). Other requirements of this chapter include general prohibitions against harming health, causing damage to plants, animals, other property and visible degradation. In addition to these standards, compliance with the Department's Air Toxics Policy is required.

B. Chapter 33-15-03 – Restriction of Visible Air Contaminants

The facility must comply with an opacity limit of 20% except for one six-minute period per hour when 40% opacity is permissible, with the exception of the process/emergency flares which must comply with an opacity limit of 20% except for one six-minute period per hour when 60% opacity is permissible.

C. Chapter 33-15-08 – Control of Air Pollution from Vehicles and Other Internal Combustion Engines

This chapter prohibits the operation of any internal combustion engine which emits any unreasonable and excessive smoke, obnoxious and noxious gases, fumes or vapors.

D. Chapter 33-15-12 – Standards of Performance for New Stationary Sources

Subpart Dc – Standards of Performance for Small Industrial – Commercial – Institutional Steam Generating Units

The hot oil heaters are subject to Subpart Dc since the units are manufactured after June 9, 1989 and each have a heat input capacity greater than or equal to 10 million Btu/hr. Since the units only burn natural gas, no emission limits apply and the owner/operator is only subject to recordkeeping requirements.

Subpart KKK – Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Plants

This rule is applicable because the facility is an onshore natural gas processing plant. This regulation includes, but is not limited to, leak detection and repair, monitoring, recordkeeping and reporting requirements.

40 CFR 60, Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (NSPS JJJJ)

This subpart applies to owners/operators of spark ignition internal combustion emergency engines that commence construction after June 12, 2006 where the engine is manufactured after January 1, 2009.

The emergency engines will be manufactured after January 1, 2009; therefore, the engines are subject to this subpart. The permittee must comply with all requirements of the subpart which include, but are not limited to, emission limits for NO_x, CO and VOC.

E. Chapter 33-15-14 – Designated Air Contaminant Sources, Permit to Construct, Minor Source Permit to Operate, Title V Permit to Operate

This chapter requires the facility to obtain a Permit to Construct for the construction and initial operation of the gas plant.

F. Chapter 33-15-15 – Prevention of Significant Deterioration

A Prevention of Significant Deterioration (PSD) review could potentially apply to the source if it is classified as a “major stationary source” under Chapter 33-15-15.

G. Chapter 33-15-16 – Restriction of Odorous Air Contaminants

The owner/operator shall not discharge into the ambient air any objectionable odorous air contaminant which is in excess of the limits established in NDAC 33-15-16.

H. 40 CFR 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (MACT ZZZZ)

This subpart applies to new and existing engines located at major and area sources of HAP emissions. The requirements of this subpart will be met by meeting the requirements outlined in NSPS JJJJ.

Non-Applicable Rules:

- A. 40 CFR 63, Subpart HH – Emission Standards for Hazardous Air Pollutants from Oil and Gas Production Facilities

This subpart applies to major sources of hazardous air pollutants that operate ethylene glycol or diethylene glycol dehydrators and area and major sources that operate a triethylene glycol dehydrator. The facility is classified as a minor HAP source. For a minor HAP source, the only source that is regulated under Subpart HH is a triethylene glycol dehydrator. The facility will not operate a triethylene glycol dehydrator (or any other type of glycol dehydrator), so Subpart HH is not applicable to the facility.

Expected Emissions:

Emissions are summarized below.

POTENTIAL TO EMIT CRITERIA POLLUTANTS						
Emission Unit Description	EU ID	PM/PM ₁₀ (tpy)	SO ₂ (tpy)	NO _x (tpy)	CO (tpy)	VOCs (tpy)
Hot oil heater rated at 50.2 million Btu/hr and fired on natural gas	H-1A	1.64	0.13	21.56	18.11	1.19
Hot oil heater rated at 50.2 million Btu/hr and fired on natural gas	H-1B	1.64	0.13	21.56	18.11	1.19
Regeneration gas heater rated at 4.9 million Btu/hr and fired on natural gas	H-2A	0.16	0.01	2.10	1.77	0.12
Regeneration gas heater rated at 4.9 million Btu/hr and fired on natural gas	H-2B	0.16	0.01	2.10	1.77	0.12
210 barrel (8,820 gallon) methanol storage tank	TK-1	---	---	---	---	0.14
210 barrel (8,820 gallon) methanol storage tank	TK-2	---	---	---	---	0.14
One Caterpillar Model G3516C LE engine-driven generator with a maximum rating of 1,462 bhp and fired on natural gas	EGEN-1	Neg.	Neg.	0.81	1.61	0.56
One Caterpillar Model G3516C LE engine-driven generator with a maximum rating of 1,462 bhp and fired on natural gas	EGEN-2	Neg.	Neg.	0.81	1.61	0.56
Truck loading	TL-1	---	---	---	---	3.49
Truck loading	TL-2	---	---	---	---	3.49
Flare	FL-1	Neg.	9.98	0.80	4.27	7.80
Flare	FL-2	Neg.	9.98	0.80	4.27	7.80
Fugitive emissions	Fugitive	---	---	---	---	39.33
Total (including fugitive emissions)		3.6	20.2	50.5	51.5	65.9
Total (excluding fugitive emissions)		3.6	20.2	50.5	51.5	26.6

POTENTIAL TO EMIT HAZARDOUS AIR POLLUTANTS (HAPs)	
Emission Unit ID	Total HAPs (tpy)
H-1A	0.41
H-1B	0.41
H-2A	0.04
H-2B	0.04
TK-1	0.14
TK-2	0.14
EGEN-1	0.21
EGEN-2	0.21
TL-1	0.19
TL-2	0.19
FL-1	Neg.
FL-2	Neg.
Fugitive	1.51
Total	3.5

POTENTIAL TO EMIT GREENHOUSE GASES (GHGs)	
Emission Unit ID	Total GHGs (as CO ₂ e) (tpy)
H-1A	25,726
H-1B	25,726
H-2A	2,511
H-2B	2,511
TK-1	---
TK-2	---
EGEN-1	333
EGEN-2	333
TL-1	191
TL-2	191
FL-1	65
FL-2	65
Fugitive	---
Total	57,652

Expected Compliance Status:

A. Chapter 33-15-02 – Ambient Air Quality Standards

Based on the expected emissions, compliance with the AAQS is expected. Per a September 12, 2006 Department Memorandum, modeling is not required to demonstrate compliance with the AAQS if emissions are less than 40 tons/year of NO_x and SO₂ and 15 tons/year of PM₁₀ regardless of stack heights. Emissions of SO₂ and PM₁₀ are well below these levels, so modeling is not required for these pollutants.

NO_x emissions are greater than 40 tons/year with the vast majority of NO_x emissions (approximately 85% of NO_x emissions) from the hot oil heaters. The September 12, 2006 Department Memorandum states that modeling is not required to demonstrate compliance with the AAQS if emissions of NO_x are less than 100 tons/year and emissions are vented

from stack heights greater than 1.5 times the nearby building height. Since the vast majority of emissions are from the hot oil heaters, a condition will be added to the Permit to Construct requiring emissions from the hot oil heaters to be vented from a stack height of at least 1.5 times the nearby building height. Since the vast majority of NO_x emissions will be vented from stack heights which are at least 1.5 times the nearby building height, the 100 tons/year threshold will be used to determine if NO_x modeling is required. Since NO_x emissions are well below 100 tons/year, modeling is not required to demonstrate compliance with the AAQS for NO₂.

Total HAP emissions are approximately 3.5 tons/year. Based upon this level of HAP emissions, the facility is expected to comply with the requirements of the Air Toxics Policy.

B. Chapter 33-15-03 – Restriction of Visible Air Contaminants

Since the equipment will be fired on natural gas, visible air emissions are expected to be well below the 20% opacity limit established by this chapter.

C. Chapter 33-15-08 – Control of Air Pollution from Vehicles and Other Internal Combustion Engines

Based on experience with similar sources, this facility is expected to comply with all applicable requirements of this chapter.

D. Chapter 33-15-12 – Standards of Performance for New Stationary Sources

The facility is expected to comply with the applicable requirements of Subpart KKK – Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Plants and Subpart Dc - Standards of Performance for Small Industrial – Commercial – Institutional Steam Generating Units.

Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines establishes emission limits for emergency generators greater than or equal to 130 horsepower of 2.0 g/hp-hr for NO_x, 4.0 g/hp-hr for CO and 1.0 g/hp-hr for VOCs. Manufacturer's data submitted with the application gives emission rates for NO_x, CO and VOCs of 2.0, 2.1 and 0.35 g/hp-hr. Based upon the manufacturer's information, compliance with Subpart JJJJ is expected.

E. Chapter 33-15-14 – Designated Air Contaminant Sources, Permit to Construct, Minor Source Permit to Operate, Title V Permit to Operate

The facility has met all requirements necessary to obtain a Permit to Construct. Based on the expected emissions, the source will be a minor source under the Title V program because the potential to emit for all criteria pollutants remain under 100 tons/year, the potential to emit of greenhouse gases is below 100,000 tons/year (as CO_{2e}) and the potential to emit for HAPs is under 10 tons/year of any individual HAP and under 25 tons of all combined HAPs.

F. Chapter 33-15-15 – Prevention of Significant Deterioration

Since the potential to emit for the source of all non-GHG pollutants is below 250 tons/year and the potential to emit of all GHGs is below 100,000 tons/year CO_{2e}, a PSD review is not required.

G. Chapter 33-15-16 – Restriction of Odorous Air Contaminants

Based on Department experience with similar sources, the facility is expected to comply with this chapter.

H. 40 CFR 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

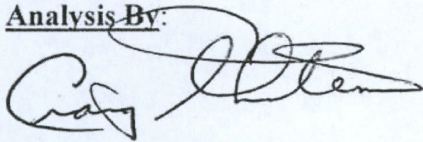
The facility may be subject to this subpart. It should be noted that EPA Region 8, not the North Dakota Department of Health, is the implementing and enforcement authority. All required documentation must be submitted to EPA Region 8.

Conclusions and Recommendations:

The facility is expected to comply with the applicable federal and state rules. It is recommended that a Permit to Construct be issued to ONEOK Rockies Midstream, LLC for the construction and initial operation of the Stateline Gas Plant.

Date of Analysis: July 10, 2012

Analysis By:



Craig D. Thorstenson
Environmental Engineer
Division of Air Quality

CDT:saj

Attach: September 12, 2006 Department Memorandum

NORTH DAKOTA DEPARTMENT OF HEALTH

INTRADEPARTMENTAL MEMORANDUM

MEMO TO : Air Quality Staff

FROM : Terry L. O'Clair, P.E.
Director
Division of Air Quality *TLO*

RE : Criteria Pollutant Modeling Requirements
for a Permit to Construct

DATE : September 12, 2006

FILEProjects Subject to PSD:

Under the Prevention of Significant Deterioration of Air Quality (PSD) rules, dispersion modeling for criteria pollutants is required prior to issuance of a Permit to Construct (PTC) if the permit is for either a new facility classified as a "major stationary source" or a modification to an existing major stationary source when the modification is classified as a "major modification" under the PSD rules (adopted into Chapter 33-15-15 of the North Dakota Air Pollution Control Rules). Modeling is required when emissions exceed the "PSD significant levels", which are defined as follows (only the significant levels for criteria pollutants are shown):

<u>Pollutant</u>	<u>Emissions</u>
Carbon Monoxide	100 tons/year
Nitrogen Oxides	40 tons/year
Sulfur Dioxide	40 tons/year
PM ₁₀	15 tons/year
Lead	0.6 tons/year

Projects Not Subject to PSD:

For those projects which are not subject to the PSD rules, as a general rule, modeling will be required if the potential emissions from a new facility or the change in potential emissions from an existing facility exceed the following amounts:

Pollutant	All emissions vent from stacks with height \geq 1.5 times nearby bldg. height	Some emissions vent from stacks with height $<$ 1.5 times nearby bldg. height
Nitrogen Oxides	100 tons/year	40 tons/year
Sulfur Dioxide	100 tons/year	40 tons/year
PM ₁₀	40 tons/year	15 tons/year

Modeling of carbon monoxide and/or lead emissions will generally only be required for sources required to conduct modeling of carbon monoxide and/or lead emissions under the PSD rules.

Additional Information (applicable to both PSD and non-PSD Projects):

Note that there are instances where modeling may be required at lower emissions than outlined above. These include cases when a facility will be located close to a Class I area or there are changes to an existing facility whose current emission rates are causing concentrations approaching either the Ambient Air Quality Standards or the PSD increment levels.

With respect to nearby sources of emissions, the impact of emissions from sources within 20 kilometers (~ 12 ½ miles) shall generally be included in the modeling analysis. The impact of emissions from sources greater than 20 kilometers and less than 50 kilometers (~ 31 miles) shall generally be included if potential emissions from the source of the pollutant being modeled exceed 100 tons/year.

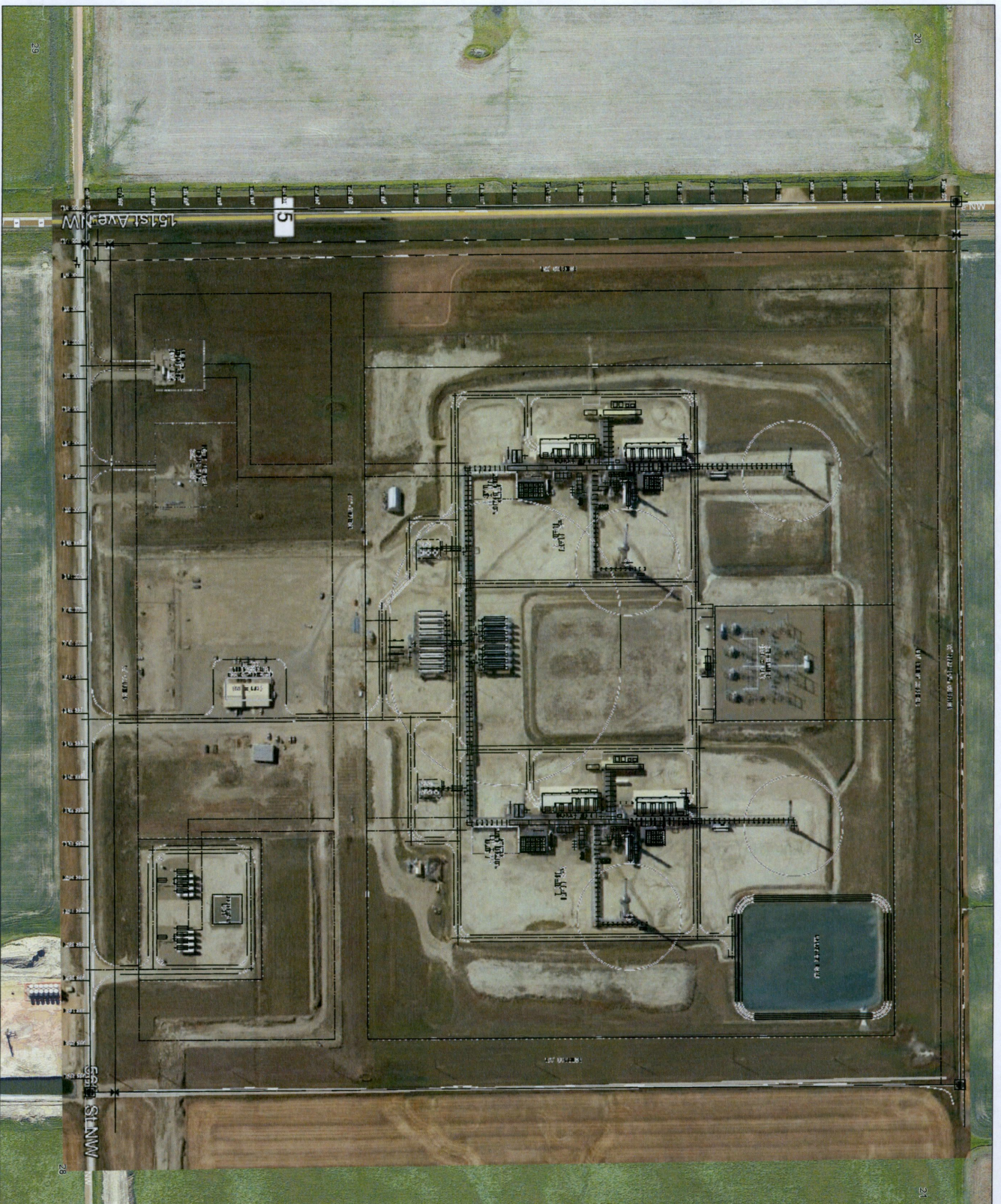
Modeling submitted with a PTC application for a PSD project must address compliance with the Ambient Air Quality Standards as well as the PSD increments. Modeling submitted with a PTC application for a project not subject to the PSD rules must address compliance with the Ambient Air Quality Standards.


Modeling of PSD Class I increments will be required for PSD projects located within 250 kilometers of the nearest North Dakota Class I area, and for non-PSD projects (meeting potential emissions criteria above) located within 50 kilometers of the nearest Class I area. If the subject source significantly impacts a Class I area, a cumulative analysis including other increment-consuming sources must be conducted. The cumulative analysis must include all major sources, located within 250 kilometers and minor sources located within 50 km of the Class I area. The inventory will be provided by the Department.

NDDH Class I Significant Impact Levels
µg/m³


Pollutant	Averaging Time		
	Annual	24-hour	3-hour
SO ₂	0.1	0.2	1.0
PM ₁₀	0.1	0.2	-
NO ₂	0.1	-	-

CDT/SFW:csc





ONEOK



State Line I, & II

Case No. PU-10-686

Projection: NAD 83, UTM 13N
App: ICHMDCS030000Proj01030000_AutoDraw.dwg - Stephen.mvd Date: 5/27/2015

0 125 250 500 750
 Feet

North Dakota
 Williams Co.
 T1455N R103W

20

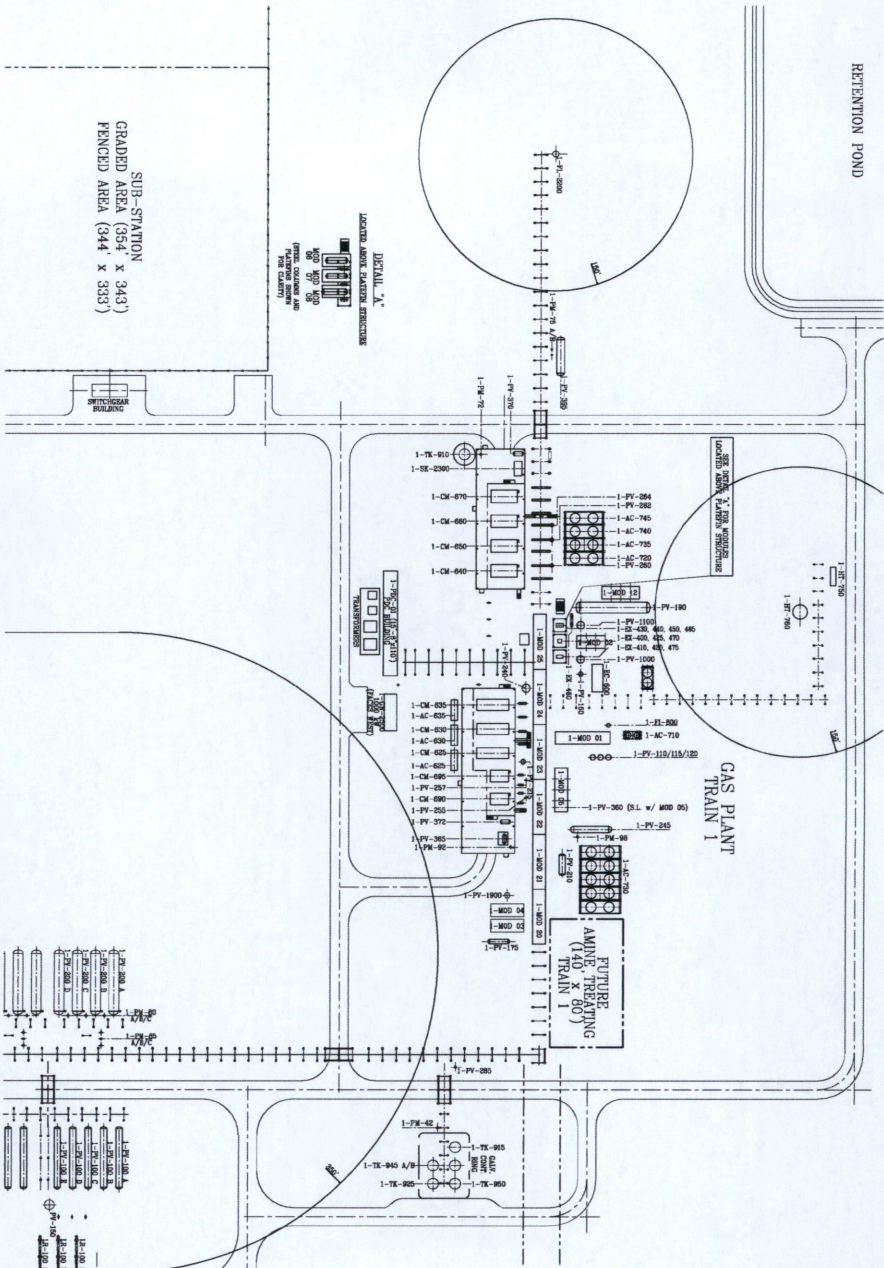
21

28

39



RETENTION POND



SUB-STATION
GRADED AREA (354' x 343')
FENCED AREA (344' x 333')

LOCATED ABOVE EXISTING STRUCTURE
3' x 3' x 3'
CONCRETE
STEEL DECK
STEEL FRAMING
STEEL WALLS
STEEL ROOF
STEEL FLOOR
STEEL CEILING
STEEL DOORS
STEEL WINDOWS
STEEL RAILS
STEEL HANDRAILS
STEEL STAIRS
STEEL ESCALATORS
STEEL LIFTS
STEEL ELEVATORS
STEEL MECH. ROOMS
STEEL ELECTRICAL ROOMS
STEEL CONTROL ROOMS
STEEL INSTRUMENT ROOMS
STEEL LABORATORIES
STEEL STORAGE ROOMS
STEEL OFFICES
STEEL BATHS
STEEL CLOSETTS
STEEL LOCKERS
STEEL CHANGING ROOMS
STEEL FIRST AID ROOMS
STEEL FIRST AID STATIONS
STEEL FIRST AID KITS
STEEL FIRST AID SUPPLIES
STEEL FIRST AID TRAINING
STEEL FIRST AID CERTIFICATION
STEEL FIRST AID RECORDS
STEEL FIRST AID INCIDENTS
STEEL FIRST AID INVESTIGATIONS
STEEL FIRST AID REPORTS
STEEL FIRST AID CORRECTIVE ACTIONS
STEEL FIRST AID PREVENTIVE ACTIONS
STEEL FIRST AID MONITORING
STEEL FIRST AID EVALUATION
STEEL FIRST AID IMPROVEMENT

GAS PLANT
TRAIN I

FUTURE
AMINE TREATING
TRAIN I
(140' x 80')

MODULE EQUIPMENT LEGEND

- 1-MODULE 01 - PROCESS MODULE
- 1-M-400 V/B
- 1-M-410 V/B
- 1-M-420 V/B
- 1-M-430 V/B
- 1-M-440 V/B
- 1-M-450 V/B
- 1-M-460 V/B
- 1-M-470 V/B
- 1-M-480 V/B
- 1-M-490 V/B
- 1-M-500 V/B
- 1-M-510 V/B
- 1-M-520 V/B
- 1-M-530 V/B
- 1-M-540 V/B
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- 1-M-560 V/B
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- 1-M-720 V/B
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- 1-M-750 V/B
- 1-M-760 V/B
- 1-M-770 V/B
- 1-M-780 V/B
- 1-M-790 V/B
- 1-M-800 V/B
- 1-M-810 V/B
- 1-M-820 V/B
- 1-M-830 V/B
- 1-M-840 V/B
- 1-M-850 V/B
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- 1-M-870 V/B
- 1-M-880 V/B
- 1-M-890 V/B
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- 1-M-930 V/B
- 1-M-940 V/B
- 1-M-950 V/B
- 1-M-960 V/B
- 1-M-970 V/B
- 1-M-980 V/B
- 1-M-990 V/B
- 1-M-1000 V/B

OFF-MODULE EQUIPMENT LEGEND

- 1-C-400
- 1-C-410
- 1-C-420
- 1-C-430
- 1-C-440
- 1-C-450
- 1-C-460
- 1-C-470
- 1-C-480
- 1-C-490
- 1-C-500
- 1-C-510
- 1-C-520
- 1-C-530
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- 1-C-570
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- 1-C-700
- 1-C-710
- 1-C-720
- 1-C-730
- 1-C-740
- 1-C-750
- 1-C-760
- 1-C-770
- 1-C-780
- 1-C-790
- 1-C-800
- 1-C-810
- 1-C-820
- 1-C-830
- 1-C-840
- 1-C-850
- 1-C-860
- 1-C-870
- 1-C-880
- 1-C-890
- 1-C-900
- 1-C-910
- 1-C-920
- 1-C-930
- 1-C-940
- 1-C-950
- 1-C-960
- 1-C-970
- 1-C-980
- 1-C-990
- 1-C-1000

NOTES
TRAIN 1 EIR ELEVATION 255'-0" - 105'-0"

REVISIONS		DATE		DESCRIPTION		BY		CHK		APP		DATE		DESCRIPTION	
1	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11
2	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11
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15	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11
16	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11
17	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11
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29	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11
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32	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11
33	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11	09	05/27/11
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54	05/27/11	09													

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Linde Process Plants, Inc.
 PROJECT NO. 04A2110008
 I/P Dwg. 000-120-1000
 STATUS ISSUED
 DATE 5/10

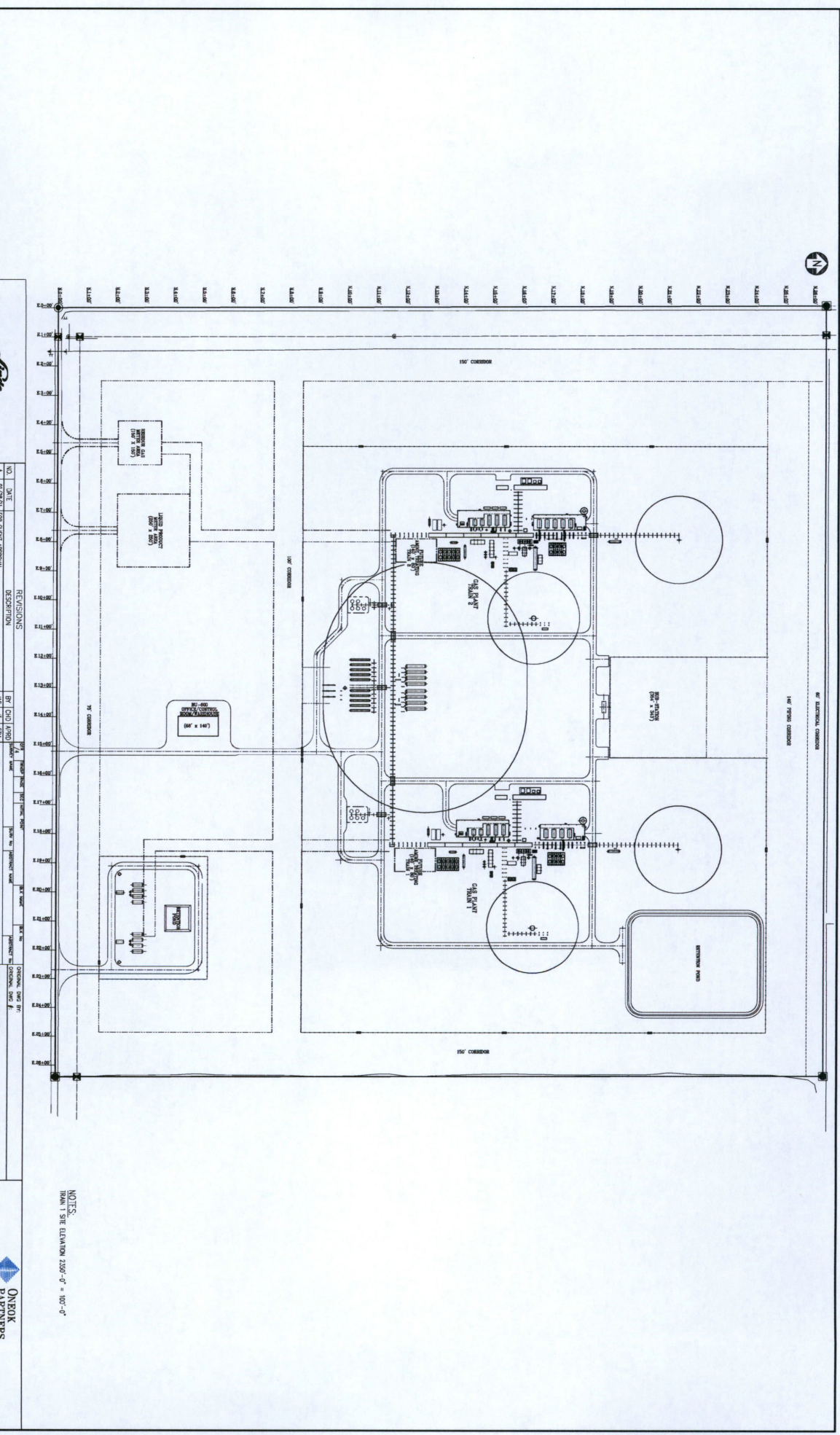
NO.	DATE	REVISIONS
A	01/24/11	FOR CLIENT APPROVAL
B	02/02/11	FOR CLIENT APPROVAL
C	02/02/11	APPROVED FOR EXISTING FOUNDATION
D	02/02/11	APPROVED FOR EXISTING FOUNDATION
E	02/02/11	APPROVED FOR EXISTING FOUNDATION
F	02/02/11	APPROVED FOR EXISTING FOUNDATION
G	02/02/11	APPROVED FOR EXISTING FOUNDATION
H	02/02/11	APPROVED FOR EXISTING FOUNDATION

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G	02/02/11	APPROVED FOR EXISTING FOUNDATION
H	02/02/11	APPROVED FOR EXISTING FOUNDATION

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DATE: 05/10/11
 PROJECT NO: 04A2110008
 I/P Dwg. 000-120-1000

ONEBOK PARTNERS
BARB PAW ENERGY
 OVERBALL PILOT PLAN
 100 WMSF7D LIQUID RECOVERY UNIT
 WILLIAMS COUNTY, MD



NOTES:
 BENCH MARK ELEVATION 239'-0" = 103'-0"