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**Subject:** Filing Accepted for Case: 08-2018-CV-02937; Environmental Law and Policy Center, et al. vs. North Dakota Public Service Commission, et al.; Envelope Number: 3293203  
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## Filing Accepted

Envelope Number: 3293203  
 Case Number: 08-2018-CV-02937  
 Case Style: Environmental Law and Policy Center, et al. vs. North Dakota Public Service Commission, et al.



The filing below was reviewed and has been accepted by the clerk's office. You may access the file stamped copy of the document filed by clicking on the below link.

Filing Details	
<b>Court</b>	Burleigh County - South Central District
<b>Case Number</b>	08-2018-CV-02937
<b>Case Style</b>	Environmental Law and Policy Center, et al. vs. North Dakota Public Service Commission, et al.
<b>Date/Time Submitted</b>	1/31/2019 6:44 PM CST
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<b>Filed By</b>	John Hamre
<b>Filing Attorney</b>	Illona Jeffcoat-Sacco

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08-2018-CV-02937

Meridian Energy Group, Inc: Application to rezone 717.06 acres in sections 1, 2, and 12 139-100 to Industrial. Current Zoning varies from Agricultural and Residential. Conditional Use Permit requested for the Davis Refinery, an approximately 55,000 barrel per day petroleum refinery. The proposed refinery and associated structures will be constructed in two phases, with the initial design capacity of 27,500 bpd capacity. Description of parcels included in the request:

1. 1 acre residence in the NE1/4 1-139-100 (3634 132<sup>nd</sup> ½ Ave SW), Residential zoning. Property is currently owned by Bonnie L. Heiser;
2. 61.30 acres in the NE1/4 1-139-100 (3636 132<sup>nd</sup> ½ Ave SW), Agricultural zoning. Property is currently owned by Bonnie L. Heiser;
3. 24.4 acre parcel in the NW1/4 1-139-100, Ag w/ 1 acre Residential spot zoning. Donald Heiser;
4. 176.2 acre parcel in the W1/2 1-139-100 (13261 37<sup>th</sup> St SW), Ag w/ 10 acres Residential spot zoning. Property is currently owned by Greg & Stacey Kessel;
5. SE1/4 S OF BNRR LESS RR ARW 2-139-100, 104.36 acres, Agricultural zoning. Property is currently owned by Greg Kessel;
6. N1/2SE1/4 N OF BNRR LESS RR ARW 2-139-100, 29.8 acres, Agricultural zoning. Property is currently owned by Greg Kessel;
7. N1/2 12-139-100, 320 acres, Agricultural zoning. Property is currently owned by Greg Kessel.

Tax and Zoning Director Swanson introduced the application. Don and Bonnie Heiser and Greg and Stacey Kessel own the properties. Swanson stated that Meridian would present the project and then other interested parties would have the opportunity to comment. Dan Hedrington from SEH Engineering presented the project, that it was to provide connectivity to rail and pipelines. Bill Prentice stated that they felt that Billings County was the best place for the project. Dan Hedrington presented a map of the project and stated that the southern portion of the property would be held for storage and possible future expansion. He also stated that Burlington Northern has been contacted and is in support of the project and that they have been in communication with State agencies regarding the Air and Water permitting process. The wastewater treatment plan would be a closed loop system and they are trying to mitigate any visual impact by using earth tone structures and NDSU is working on screening and blending ideas for the project. They are planning on using downcast lights anywhere possible. Scott Lang from SEH stated that environmental reviews have begun and the wildlife, wetlands and cultural studies have been sent to the agencies. Initial review didn't show any threatened species. They will be working with the Army Corp of Engineers on any wetlands mitigation. Discussion ensued regarding the sources of water that they will be using and that has not been finalized. They have discussed with Roughrider and MDU and stated that no issues are expected with power. They stated that 38<sup>th</sup> street has been built up and paved and they are planning on upgrading the roads to accommodate 105,500 weight. All access will be from the south. They are working with emergency services on a local plan, but they would have trained emergency management on staff.

John Tczap opened the floor to adjacent landowners. Swanson did a roll call of landowners that had been sent a letter of notification of the project. Karen O'Brien stated that she approved of the project. Heiser – not present. Doug Kessel - Karen O'Brien was present and stated that she was representing them also. Erickson – not present. Redmond – not present. Bill Reis – not present. John & Nancy Duletski – not present. Dave Jurgens – not present. Joseph Schmidt – not present. Loren Bock – stated that his only concern is dust control on 132<sup>nd</sup>. George Hoffman – not present. Allan Richard – stated that he approved if paved.

John Tczap then opened the floor to other county residents – Laura Grzanic questioned where the well would be located and whether it would affect her aquifer and whether dust would affect her animals. Dan Hedrington stated that it would be a completely separate aquifer and there would be dust control in place. Wendy Ross, Superintendent of Theodore Roosevelt National Park stated concern was the resource impacts on the National Park, the visitor experience and the Class 1 airspace. Dan Hedrington stated that the operation would meet the requirements. Pat Hedstrup questioned the telephone lines in the area and stated that since rail facility was built they have had many problems with the phone system. Dan stated that surveys

**BILLINGS COUNTY BOARD OF COUNTY COMMISSIONERS**  
**REGULAR MEETING – MAY 3, 2016**

The meeting was called to order at 9:00 A.M. with Commissioners Kasian, and Kessel in attendance. Chairman Arthaud was present by teleconference.

Others present during portions of the meeting were: Anita Adams, Allan Richard, Margie Lindbo, Kevin Uttech, Pat Hedstrup, Lili Stewart, Steven Klym, Andrew Haffner, Karen O'Brien, Beau O'Brien, John Tczap, Kevin Hachfeld, Tracy Schmidt, Josh Waclawik, Rob Knight, Jodi Wilson, Jacob Baumler, Rob Sand, Ashley Ross, Corie Greth, Tina Thornton, Macario Herrera, Shannon Boehm, Jeff Iverson, Greg Kessel, Stacey Kessel, Carlos Garcia, Corinne Lee, Jan Swenson, Steven Klym, Tama Smith, Wally Owen, Tom Williams, Leona Hibel, Larry Heilmann, Jason Ehlert, Valerie Naylor, Jim Fugle, Scott Lange, Dan Hedrington, Linda Weiss, Lillian Crook, Ruth Malm, Ray Strickland, Tim Hendricks, Nathen Julansen, Brian Rosendahl, Wendy Ross, Amy McCann, Laura Thomas, Pat Rummel, Rick Kramlich, Silas Harris, Shannon Hanson, Jennifer Hiser, David Shepherd, Jeff Haapapuro, Mike Cavanaugh, Andrew Krebs, Rhonda King

Kessel moved to approve the minutes from the April 5, 2016 regular meeting. Kasian seconded. All voted aye.

Auditor Lamb presented the annual Clerk of Court funding agreement with the State Supreme Court. Kessel moved to approve the reimbursement agreement. Kasian seconded. All voted aye.

Shannon Boehm & Tina Thornton from the Forest Service were present to discuss the Myers pit and a permitting system that was put in place after the original approval to respond to issues regarding federally owned minerals on private surface ownership. When application was made by Billings County, Game and Fish was not notified and when they reintroduced the approved application through the permitting process, it was discovered that the private surface area is in a Bighorn Sheep lambing area. They introduced Mac Herrera who is the acting grasslands supervisor. They had reviewed the proposal and looked for ways to mitigate, however they decided they would need to revoke the permit. In the future, all applications will go through the newly addressed permitting process.

Sheriff Pat Rummel was present to discuss the Multi Hazard Mitigation plan which will expire in 2018. In the past, Billings County was the fiscal agent, but now Dunn County will be the lead on the plan. Kessel moved to approve entering into the plan with Dunn and Stark County. Kasian seconded. All voted Aye. Sheriff Rummel also shared with the board that the week of May 19<sup>th</sup> will be EMS week and they will be holding another Community Health Fair and Blood Drive on the 19<sup>th</sup> of May.

Road Superintendent Jeff Iverson presented his monthly report.

The board reviewed zoning requests that had been addressed by the zoning board at their April 21, 2016 meeting as follows:

Meridian Energy Group, Inc: Application to rezone 717.06 acres in sections 1, 2, and 12 139-100 to Industrial. Current Zoning varies from Agricultural and Residential. Conditional Use Permit requested for the Davis Refinery, an approximately 55,000 barrel per day petroleum refinery. The proposed refinery and associated structures will be constructed in two phases, with the initial design capacity of 27,500 bpd capacity. Description of parcels included in the request:

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Tax & Zoning Director Swanson presented the applications and discussed her staff report. Chairman Arthaud made a statement that he would like to see the application tabled until the findings from the staff report are addressed. Some of the issues as related to the ordinance are 5.5B section lines do not comply with setbacks. 6.1.5.1 amount and suitability of the water. 6.1.5.1 sewer service, county will need to see engineered design. 6.1.15.1 – management plan needs to be more defined. Meridian has met with emergency services but the county will need to see a plan in place on paper. Storm Water – county will need to see engineered design. 6.15.2 county would like to see the screen design. Chairman Arthaud also stated that he would like to see two phases of bonding, one during construction and the other for after construction. They will also need to address the road right of way within the project. Dan Hedrington, engineer from SEH was present and stated that he

**Billings County Zoning Meeting  
July 21, 2016**

**Members present:** Connie Kasian, Cathy Cerkoney, Joe Kessel, Anita Kessel, Steve Klym, and John Tczap

**Members absent:** Karen Putnam

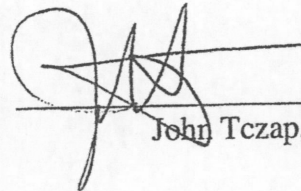
**Others present:** Deputy Tax & Zoning Director Juliana Hammerstrom, Scott Lange, Linda Weiss

The meeting was called to order by Chairman John Tczap at 1:00 P.M.

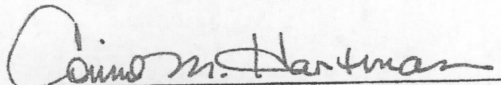
Connie Kasian moved to approve the minutes from the June 16, 2016 regular zoning meeting. Anita Kessel seconded. All voted aye.

Meridian Energy Group: Application for a Variance to construct within the 250' setback requirement from 133<sup>rd</sup> Ave SW in the SW1/4 of Section 1 & SE1/4 Section 2-139-100, north of 37<sup>th</sup> St SW within the proposed Davis Refinery project boundary. Scott Lange was present on behalf of SEH Inc. Mr. Lange explained construction within the 250' setback would allow tanks to be closer to the plant. Future closure of the section line would be addressed per the proper procedure from the Board of County Commissioners. Anita Kessel made a motion to approve the variance. Steve Klym seconded. All voted aye.

With there being no further business, Anita Kessel moved to adjourn at 1:07 P.M. Steve Klym seconded. All voted aye.



John Tczap, Chairman



Connie Hartman, Acting Secretary

**BILLINGS COUNTY BOARD OF COUNTY COMMISSIONERS  
REGULAR MEETING – AUGUST 1, 2017**

The meeting was called to order at 9:00A.M. with Commissioners Arthaud, Kasian and Kessel in attendance.

Others present during portions of the meeting were: Deb Theurer, Pat Rummel, Dan Hedrington, Scott Lange, Linda Weiss, Denice Aaron, Ruth Malm, Jason Kastrow, Holly Praus, Amber Hofstad, Barry Wegner, Randy Varner, Keri Rummel, Justin Hyndman, Jack Marquart, Clarence Sitter, John Hild, Kyle Shockley.

Kessel moved to approve the minutes from the July 5, 2017 regular meeting and the July 12 and 17, 2017 special meetings. Kasian seconded. All voted aye.

Auditor Lamb presented the following budget amendments and transfers:

- Human Services to General Fund for State Aid received in 2017 - \$16,383.01
- 911 Wireless to E 911 to close out the Fund - \$1,890.74
- Operating and Maintenance to Extension Service budgeted transfer - \$1,357.12
- Operating and Maintenance to Weed budgeted transfer - \$58,601.00

Kessel moved to approve the budget amendments and fund transfers. Kasian seconded. All voted aye.

The delegate for the North Dakota Association of Counties needs to be appointed for a two year term. Kessel moved to appoint Tax & Zoning Director Stacey Swanson. Kasian seconded. All voted aye.

Deb Theurer, representative of the West Dakota Parent and Family resource center was in attendance to present the 2018 request. The request is the same as last year \$1,300.00. This will be included in the preliminary budget.

Auditor Lamb presented a request from the courthouse employees that the hours worked during the summer be extended until daylight savings ends. This would be 7am - 4pm Monday through Thursday and 8am - 12pm Friday. Kessel moved to allow this request. Kasian seconded. All voted aye.

A Transportation Alternatives grant was received by the City of Medora with Billings County as the sponsoring agent for a walking path from Pacific Avenue to the Medora campground on land in the county. Arthaud moved to approve \$27K for this request. Kasian seconded. All voted aye.

Tax & Zoning Director Stacey Swanson went over the Billings County Land Use Plan revision status and requested that the board appoint a steering committee comprised of H. P. Weir, Jim Bridger, Jim Arthaud, John Hild, Marcia Lamb and Stacey Swanson. Kessel moved to appoint the steering committee. Kasian seconded. All voted aye.

Dan Hedrington and Scott Lange were present as representatives of SEH for Meridian Energy. Tax & Zoning Director Swanson went over permit status reports. Dan and Scott went over the various permits and updates. They provide updates monthly to Director Swanson. The Air Quality permit is still under review by the North Dakota Department of Health. The Water permit has been recommended for approval by the State Water Commission and is out for public comment. Discussion ensued regarding the bond requirements and they requested a phased bonding. This will be discussed after permits have been received. Chairman Arthaud made it clear to the representatives that no dirt was to be moved until the permit to construct is issued from the state and bonding is in place.

The board received and approved the following permits with road superintendent conditions:

PIPELINE Permits:

- ONEOK Rockies Midstream, LLC – Sections 9,15,16-143-102 crossing 147<sup>th</sup> Ave SW and 14<sup>th</sup> St SW for a poly gas gathering line.

Holly Praus and Amber Hofstad were present from the Sunrise Youth Bureau to thank the board for past support of the program and went over the diversion program, crisis intervention, out of school suspension program, bullying, drugs, alcohol, tobacco prevention and their attendant care program. The board stated that they are very supportive of the Sunrise Youth Bureau.

States Attorney Brovold was present to open the equipment bids at 11:00AM.

Belly Dump trailers – 2 bids were received:  
Westlie – 42' belly dump - \$48,000 – midland  
Wallwork – r-way 42' belly dump - \$42,595

Trucks

Westlie – Western Star 13sp trans - \$114,764, Automatic - \$123,735  
Wallwork – Kenworth 13sn - \$117,200, Automatic - \$128,915



	<p>instance, the Davis Refinery will be using special "down reflecting" lighting for its - construction and operational lighting. We will also use the latest LED technology which is not only safer than traditional bulbs, but have proprietary optics designed to focus light directionally so they illuminate only the required area within the refinery, such as straight walkways, avoiding adjacent and upward spill.</p>
<p><b>What impact will construction and operation of the Davis Refinery have on the neighboring communities in terms of:</b></p> <ul style="list-style-type: none"> <li>- <b>Water supply due to waste disposal?</b></li> </ul>	<p>The Davis Refinery will be using more than one source of water for its process water requirements. The waste disposal of solids and liquids from the refinery operations will be processed by latest technology treatments before disposal. The Refinery will not be negatively impacting water supply or water quality in the area, and the presence of the Refinery might enable certain local problems in water supply and disposal to be eliminated. Meridian has engaged SEH, Inc. who will be performing site surveying and geotechnical analysis for the Davis Refinery to undertake a thorough water availability study, and has indicated the unique opportunity of using reclaimed waste water from a nearby sewage treatment plant in Belfield for our process water.</p>
<p><b>What impact will construction and operation of the Davis Refinery have on the neighboring farms and livestock near the grounds?</b></p>	<p>A large percentage of the traffic into and out of the Refinery, both during construction and operations, will be by rail, which will reduce dust and other emissions substantially. And finally, we consider dust control on the site during construction to be a construction safety hazard and a health issue for our own employees, and therefore we will be controlling it both through paving on the site and by liberal use of water trucks where paving is not possible.</p>



	Light Slop
	Heavy Slop
	Vacuum Gasoil
	FCC Naphtha
Blend stocks:	Reformate
	Hydrotreated FCC Naphtha
	Butane
Final Products:	LPG
	Regular Gasoline
	Jet-Fuel
	ULSD
	Fuel Oil

Crude, Naphtha, Reformate and Gasoline storage tanks will be Internal Floating Roof type. Diesel, fuel oil and slop oil tanks will be cone roof. Butane and LPG will be stored in bullet type tanks. A vapor recovery system is contemplated to ensure emissions from the tank farm area do not exceed permissible levels.

#### **4.19.2 Loading / Unloading Facilities**

The Bakken crude will be initially shipped to the Davis Refinery by rail. Direct access from the refinery to the BNSF rail system, will allow the shipment or receipt of products or raw materials via rail tank car. To supply the local market with refined products, and accommodate raw material receipt from the nearby areas, the refinery will also have a tanker truck loading/unloading facility. During Phase II, a product pipeline system could be available to move product into common carrier pipeline systems in the Midwest.

##### Rail Loading/Unloading

A Rail Loading/Unloading Facility will be required for crude, gasoline, jet fuel, diesel and fuel oil. The loading/unloading rack is designed as a multispot area for the loading and unloading system.

The crude oil transfer station, designed to unload 55,000 BPSD of Bakken Crude, would include the rail car unloading rack, vent headers, a containment area, drain connections and

Final Products: Propane grade LPG  
Tier 3 Regular Gasoline  
Jet-Fuel  
ULSD  
Low-sulfur Fuel Oil

Crude, Naphtha, Reformate and Gasoline storage tanks will be Internal Floating Roof type. Diesel, fuel oil and slop oil tanks will be cone roof. Butane and LPG will be stored in bullet type tanks. A vapor recovery system is contemplated to ensure emissions from the tank farm area do not exceed permissible levels.

#### **4.12.2 Loading / Unloading Facilities**

The Bakken crude will arrive to the Davis Refinery via pipeline. To supply the local market with refined products, and accommodate raw material receipt from the nearby areas, the refinery will also have a tanker truck loading/unloading facility. During Phase II, a product pipeline system is expected to be available to move part of the production into common carrier pipeline systems in the Midwest.

A Tank Truck Loading Facility will be required to ship finished products, and will be the principle mode of transport for first phase product. Tank trucks will be loaded at island-type racks, equipped with several islands, each of which will have loading positions equipped with several product loading arms. A vapor recovery connection will be provided at each loading island for VOC control.

#### **4.12.3 Fuel Gas System**

The Davis Refinery heaters, boilers and thermal oxidizers will be designed to burn refinery fuel gas. The fuel gas system will operate under pressure control and will be designed to collect light ends from the gas plant and off gases from the refinery processes and distribute treated fuel gas to low pressure consumers. Before being routed to the fuel gas distribution system, sour gas streams will be treated in the SRU to remove H<sub>2</sub>S. The totality of the fuel gas will be treated to meet hydrocarbon and water dew point required by the consumers.


All fuel gas streams will be sent to a central collection drum to dampen the effect of fluctuations in stream composition and thermal content. The drum is the pressure control

## Davis Refinery FAQ Document

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Question	Answer
What is the expected output of the Davis Refinery?	The Davis Refinery will process approximately <u>55,000 barrels per day ("bpd")</u> of crude oil, and will refine that oil into a full slate of liquid fuels and specialty chemicals, including a substantial amount of Gasoline, Kerosene (jet fuel) and Diesel. The exact quantities of each product will depend upon a number of things, including the mix or blend of crude oils that are used as the feedstock for the Refinery, and upon other issues that are currently the subject of the ongoing design of the Refinery.
What is the current refinery output in the Bakken today?	Currently, only 94,000 barrels per day of refining capacity exists in North Dakota – the 74,000 bpd Tesoro Refinery in Mandan and the 20,000 bpd <u>Dakota Prairie</u> Refinery in Dickinson. The rest of the crude oil produced in the Bakken has to be shipped out of North Dakota to distant refineries.
How much crude oil is currently produced in the Bakken Region requiring a refinery?	The Bakken Formation currently produces over one million barrels per day ("bpd"). Crude oil has no economic value unless it is run through a refinery.
What products will the Davis Refinery produce?	The Davis Refinery is a high-conversion refinery having Nelson Complexity Index of 9, and will create a full range of refined products, including: <ul style="list-style-type: none"> <li>• Gasoline, Jet Fuel, Diesel, #6 Fuel Oil (All Low Sulfur)</li> </ul>
<b>Permitting</b>	
Has Meridian received approval for the site location of the Davis Refinery?	Yes, in July of 2016, the location of the Davis Refinery was unanimously approved by Billings County Board of Commissioners after careful review, consideration, and public hearing within the community.
What are the key advantages to building a refinery within the Bakken?	By building the Davis Refinery close to the oil producers, Meridian <u>can enter</u> into long-term supply arrangements with producers that make them stronger financially, and at the same time reduce its feedstock costs substantially. This will also enable Meridian to provide local and regional fuel consumers with additional competitive choices, which will result in reduced costs and increased service levels to those consumers. The existing practice of exporting Bakken crude to distant refineries and then transporting the refined products back into the area results in waste, inefficiency and needless pollution.
Has Meridian applied for a Permit to Construct the Davis Refinery?	Yes, in October 2016, Meridian Energy submitted its application for a Permit to Construct to the North Dakota Department of Health – Air Quality Division, which reflected significantly improved emission levels from any existing refinery initiatives in the past five years. In April, 2017, recognizing its technology can be even cleaner, Meridian amended that application to further improve the design of the Davis Refinery, and even further improve on emissions.

## Davis Refinery FAQ Document

<p>What are the permits required for Meridian get the refinery constructed and approved for operation?</p>	<p>Current permitting requirements for the Davis Refinery:</p> <ul style="list-style-type: none"> <li>• Rezoning and Conditional Use Permit: granted July 2016</li> <li>• Water Appropriation Permit: expected approval by State Engineer in 2-3Q 2017</li> <li>• Permit to Construct [Air Quality]: application submitted October 2016; amended April 2017</li> <li>• Permit to Operate (Air): to be filed upon project completion</li> <li>• Industrial Storm Water Discharge Permit: application submittal in 2-3Q 2017</li> </ul>
<p>Has the Davis Refinery acquired any permitting at this point?</p>	<p>Yes, Meridian has been granted both its Zoning and Conditional Use Permits from Billings County. It has filed its Air Quality Permit to Construct applications with the North Dakota Department of Health in October of 2016 and filed an amendment to further reduce emissions in April 2017.</p>
<p>What is a Synthetic Minor Source permit, and why is it important?</p> <div style="text-align: center; margin-top: 20px;">  </div> <p>Do all refineries apply as a Synthetic Minor Source?</p>	<p><u>-A Synthetic Minor Source Permit to Construct, which has a significant "air dispersion modeling" requirement, is not reviewable by the EPA or Department of Interior (National Park Service) because of its significantly decreased impact on the environment. The agencies specified can only comment on the modeling.</u></p> <p>However, a Major Source Permit to Construct is reviewable by EPA &amp; DOI, and air dispersion modeling is much more extensive, therefore an application deemed complete as a Synthetic Minor Source is significant in terms of cost and longer review &amp; public comment periods.</p> <p>-No, not to date, The Davis Refinery will be the first greenfield refinery of its complexity to be clean enough to be submitted as a Synthetic Minor Source.</p>
<p>How long is the Permit to Construct application review period once its submitted?</p>	<p>The North Dakota Department of Health – Air Quality Department has a standard 120-day review period for all refinery projects submitted as Synthetic Minor Sources.</p>
<p>How is the EPA involved?</p>	<p>Regarding permits and approvals, the Davis Refinery is only subject to state and local jurisdiction, not federal jurisdiction, including those permits relating to air and water quality. Although the EPA can comment on our permit applications, and almost certainly will, the permits do not require their approval. On air quality, the full Davis Refinery qualifies as a Synthetic Minor Source, allowing for expedited permit review and approval.</p>
<p>What about delays?</p>	<p>Major projects such as Davis are always subject to circumstances that could cause substantial delays. To manage this risk, the Meridian project execution plan includes measures that ensure that there are no such delays that are caused by circumstances that are within our control, and that our plan always seeks to identify and mitigate any circumstances that are outside of our control. For example, we cannot control the</p>

## Davis Refinery FAQ Document

	<p>speed of the North Dakota Department of Health in processing the air quality permit, but we can ensure that we always provide NDDH with the information that they need so they are never waiting for us. We organize the project schedule such that any delays in obtaining the air quality permit cause the minimum in delay to the overall project.</p>
<b>Partners</b>	
Who is Vepica and what is your relationship with them?	<p>Meridian has entered into an engineering services agreement with Vepica USA, Inc., an international engineering firm specializing in - the energy and refinery industry, to provide process engineering, detailed design, equipment procurement, construction and equipment inspection and other related services to Meridian in connection with the Davis Refinery.</p>
Who is BASIC Equipment and what is your relationship with them?	<p>BASIC is a fully-integrated design, fabrication, construction and logistics firm that serves the oil &amp; gas, refining, petrochemical and specialty process industries worldwide. Among other things, BASIC recently completed the design, installation, construction and start-up of a 25,000-bpd refinery Houston. Meridian has entered into a MOU with BASIC under which BASIC will provide a wide range of services to Meridian, up to and potentially including turnkey design-construction services in connection with the Refinery.</p>
Who is Axens and what is your relationship with them?	<p>Axens is an international provider of advanced technologies, catalysts, adsorbents and services, with a global reputation for basic engineering design excellence. Axens will define the underlying proprietary process technology for several of the Davis Refinery process unit operations, and grant a license to Meridian to implement the project using Axens' know-how.</p>
Who is Short Elliott Hendrickson and what is your relationship with them?	<p>Meridian's principal site planning and engineering firm. SEH recently began an additional round of geotechnical investigations, site grading plans, and a water use and management program for the project site.</p>
Who is Zia Engineering and Environmental Consultants and what is your relationship with them?	<p>ZIA is the air quality emissions control engineer and emissions dispersion modeling firm for the project, and made a major contribution to the recent PTC amendment filed with NDDH.</p>
Who is Brookline Capital Markets and what is your relationship with them?	<p>Brookline Capital Markets, LLC is a leader in growth finance, providing advisory and investment banking services to emerging growth companies. They have a strong track record of structuring financings for both private and emerging public companies. Meridian has established a Placement Agency Agreement with Brookline, under which Brookline will be the exclusive placement agent and principal financial advisor to Meridian in connection with the project financing of the Davis Refinery.</p>