From: efilingmail@tylerhost.net
To: Hamre, John G.
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: 3293189
Date: Friday, February 01, 2019 8:51:26 AM

Filing Accepted

Envelope Number: 3293189
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	
Court	Burleigh County - South Central District
Case Number	08-2018-CV-02937
Case Style	Environmental Law and Policy Center, et al. vs. North Dakota Public Service Commission, et al.
Date/Time Submitted	1/31/2019 5:59 PM CST
Date/Time Accepted	2/1/2019 8:50 AM CST
Accepted Comments	
Filing Type	Exhibit
Filing Description	CR Exhibit 25 Record Addition 3 County Permit Application part 4 of 10
Activity Requested	EFileAndServe
Filed By	John Hamre
Filing Attorney	Illona Jeffcoat-Sacco

Document Details	
Lead Document	CR Exhibit 25 Record Addition 3 County Permit Application part 4 of 10.pdf
Lead Document Page Count	10

File Stamped Copy	View Stamped Document
This link is active for 30 days. If the link above is not accessible, copy this URL into your browser's address bar to view the document: https://northdakota.tylerhost.net/ViewDocuments.aspx?FID=a0d48c99-cd8f-431b-b014-6c7fbdb69955	

Exhibit H – Profile View of the Line-of-Sight from the Nearest Point in the Theodore Roosevelt National Park Across the Project Site

SEH

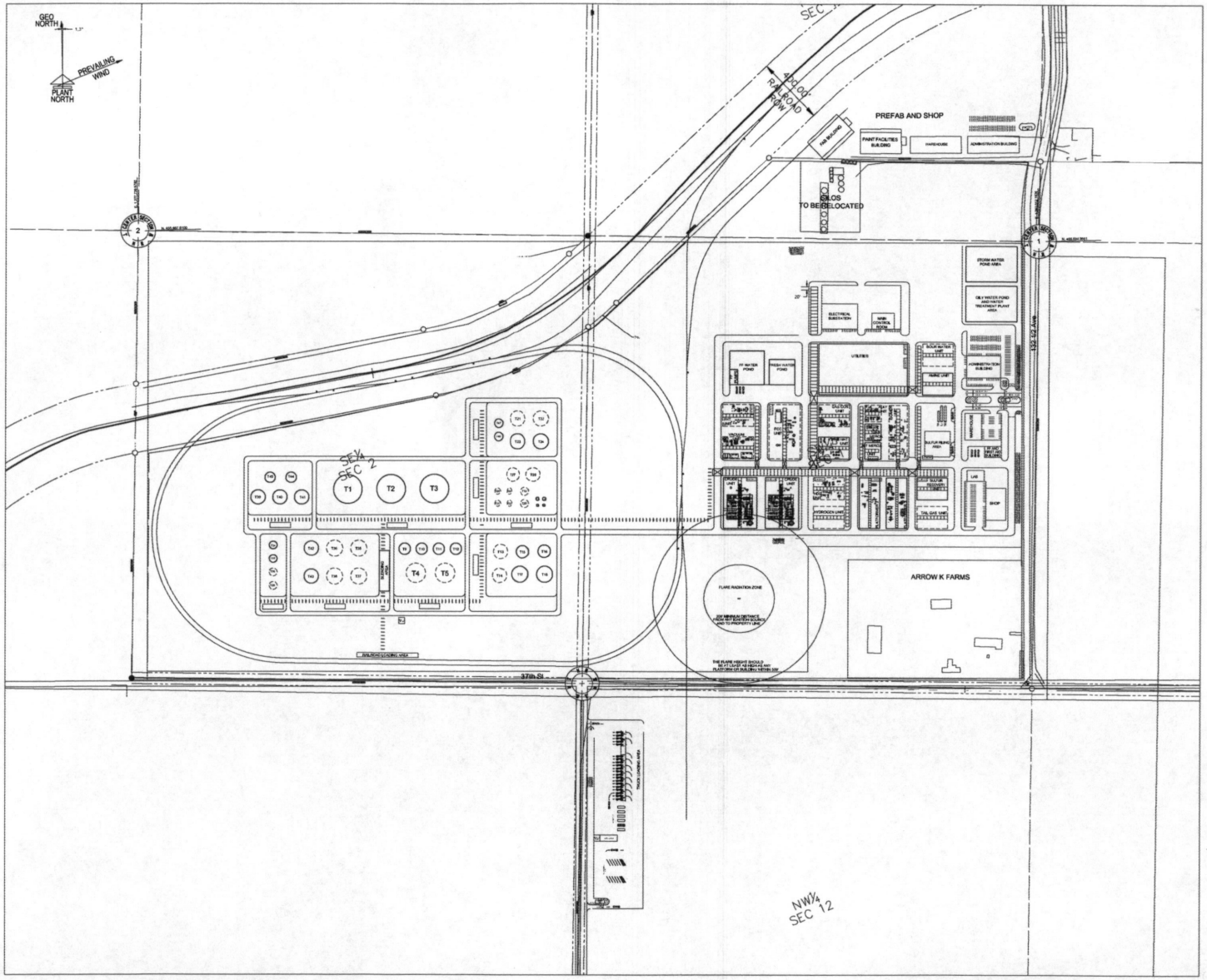
Profile View of the Line-of-Sight from the Nearest Point in SE Corner of Theodore Roosevelt National Park Across the Project Site

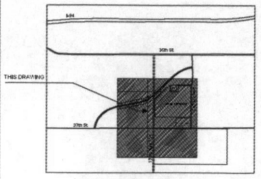
H1

Profile View of the Line-of-Sight from the Visitor's Center of Theodore Roosevelt National Park Across the Project Site

H2

Exhibit I – Project Site Plan and General Plot Plan





VECINITY MAP
BILLINGS COUNTY, ND

FOR PERMIT PURPOSES ONLY

NOTES:

1. THE REFERENCE POINT INDICATED ON THIS DRAWING IS THE CENTROID OF SECTION 1 OF THE PUBLIC LAND SURVEY GRID IN TOWNSHIP ONE HUNDRED THIRTY NINE (139) NORTH OF RANGE ONE HUNDRED (100) WEST OF THE 5TH PRINCIPAL MERIDIAN, BILLINGS COUNTY, NORTH DAKOTA. THE COORDINATES VALUES ARE IN ACCORDANCE WITH STATE MAP SYSTEM US SURVEY FT.

SYMBOLOGY:

PHASE 1
PHASE 2

(IN FEET)
GRAPHIC SCALE
1 inch = 100 ft.

Meridian Energy Group Inc.
vepica USA

PROCESS STUDY FOR THE 55,000 BPSD
DAVIS REFINERY IN BILLINGS COUNTY, ND

EXHIBIT I
SITE PLAN AND GENERAL PLOT PLAN

REFERENCE DRAWINGS			REFERENCE DRAWINGS		
REFERENCE DRAWING. No.	DESCRIPTION	REV.	REFERENCE DRAWING. No.	DESCRIPTION	REV.
n/a	CERTIFICATE OF SURVEY				

REVISION								REVISION						
No.	DATE	DESCRIPTION	BY	CHK	APP.	No.	DATE	DESCRIPTION	BY	CHK	APP.
A	10/29/14	ISSUE FOR COMMENTS	PC	CS	RL						
B	10/14/15	ISSUE FOR APPROVAL	PC	CS	RL						

ENGINEER'S RECORD			
	NAME	SIGNATURE	DATE
Drawn	P. CASTRILLON		8/25/15
DESIGNED	P. CASTRILLON		8/25/15
CHECKED	C.GARCIA		8/25/15
VEPICA APP.	R. LEAL		8/25/15
CLIENT APP.	K. O'NEILL		
FILE NAME	P-5715043-00-001-12101-P001_B.dwg		

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VEPICA PROJECT No.	P-5715043-00-001-12101-P001
CLIENT PROJECT No.	TBD

SCALE	CLIENT DRAWING No.	SHEET	OF	REV.
1/16" = 1'	TBD	1	1	B

ARCH E 48" x 36"

1.1 DAVIS PHASE 1

BUILDING	ESTIMATED AREA PER BUILDING (SF)	QTY
CONTROL ROOM	1,500.00	1
MCC	600.00	1

1.2 DAVIS REFINERY

BUILDING	ESTIMATED AREA PER BUILDING (SF)	QTY
ELECTRICAL SUBESTATION	31,500.00	1
ADMINISTRATION BUILDING	25,500.00	1
SHOP	22,000.00	1
WAREHOUSE	15,300.00	1
MAIN CONTROL ROOM	12,500.00	1
FIREFIGHTING AND FIRST AID BUILDING	6,500.00	1
LABORATORY	6,500.00	1
DRIVERS ROOM	3,500.00	2
SECURITY OFFICE	1,065.00	2
DISPATCH ROOM	1,300.00	2
SATELLITE MCC	1,200.00	6*
SATELLITE SCR	1,200.00	6*

(*) One Satellite MCC and one Satellite SCR to be built during Davis Phase 1.

Exhibit J – Environmental Impact Reports

SEH

Building a Better World for All of Us®

MEMORANDUM

TO: William C. Prentice
Meridian Energy Group, Inc.

FROM: Scott A. Lange, PE

DATE: March 18, 2016

RE: 2016 Davis Refinery
Management of the Construction Environment
SEH No. MERID 135471 14.00

This memo outlines our project management approach to minimize impact of the construction on the neighboring property and the environment. Each of the items below will be planned in detail throughout the design process. These plans will be forwarded for review by the governing agencies prior to construction.

- Soils and Site Geology:
  - American Engineering and Testing, Inc. (AET) completed a preliminary soils investigation in February 2016. AET placed 14 borings across the site to determine the nature of the soils and their suitability for construction. In general, the soils are as expected in the region, with 6" of clayey sand topsoil over mostly lean clay. These soils are conducive to supporting typical project foundations and construction loads. The project site does have some softer clays, with silt, lignite, and sandstone. These are poor soils from a construction standpoint, but of lesser quantity and can be removed from key foundation areas. The lignite specifically, where found, will be removed from the foundation areas and placed elsewhere on site and covered with an earthen cap.
  - Few borings indicated ground water, only those in the lowest area of the site. Overall, this site is suitable for the proposed construction and ground water will not be a factor.

- Site Stormwater Management:
  - This site generally drains from the southwest (elevation 2,710) to the northeast (elevation 2,610), towards the Heart River. The change in elevation keeps this site free from significant flood concerns. The plan for drainage of the proposed project will follow the same general direction.
  - The storm water will be managed through a series of ponds located throughout the site. These ponds are sized to limit the discharge rates from rain events to be no more than that which runs off the site in the current agricultural use. In addition, the ponds provide water treatment, including sediment capture, prior to the water reaching the Heart River.

- Site Management During Construction:
  - Erosion Control:
    - Erosion control and construction storm water management are major elements to good site housekeeping. The site will require a NPDES Construction Storm Water permit and a Storm Water Pollution Prevention Plan (SWPPP) to control site erosion and ensure the quality of the water leaving the site. Elements of the SWPPP and Storm Water Permit include use of silt fence, construction storm basins (prior to the construction of the permanent ponds), rock construction entrances to reduce sediment leaving the site, and inspections of all erosion control management features weekly and after each rain event to insure they are functioning properly.
  - Dust Control:
    - Dust control on the site during construction will be managed by use of water trucks to keep fugitive dust under control during construction. This often includes several applications per day during active grading operations.
  - Weed Control:
    - During the construction period, the agricultural operations of previous years will end. However, if there are segments of the site that will not have ground broken during the growing season, they may remain in Ag production. For those areas not in Ag production, where there is no active excavation, weed control will be managed by mowing or seeding a cover crop. In western North Dakota, control of noxious weeds and tumble weeds is very important to prevent impacts on adjacent properties.

- Site Access:
  - The active construction site will be closed to all but authorized personnel. Prior to construction, a security plan will be developed to manage access to the site. In addition, emergency access and response will be reviewed with the County Emergency Management Director to ensure there is required coverage for emergency services.
  - Materials brought to the site will be delivered by both truck and rail. The split between truck and rail will be more towards truck early, and then be supported by rail as the site track is constructed. Access to the site will be from the truck route of 38th Street. At this point, 133rd Avenue is the likely route from 38th Street to the site. A truck access plan will be coordinated with the Billings County Highway Superintendent, to ensure addressing area concerns. Dust control will be a topic of the access plan.

- Site Final Treatments:
  - Storm Water Management:
    - Upon completion the storm water ponds will provide the water quality treatment and rate control of storm water runoff. Maintenance of the ponds will be included as part of the site management standard operating procedures.
  - Landscaping:
    - With completion of grading operations of a segment of the site, permanent seed is placed for establishment of permanent erosion control. The seed will include recommended native grass varieties. Blending the site into the environment will be a site design consideration. This will include construction of berms and plantings of native tree species to aid in site screening.
  - Weed management:
    - As part of site management and standard operating procedures, weed management is a component. This will involve a combination of mowing and herbicide treatments, developed to maintain the native landscapes and prevent weed impacts on neighboring properties.

- Final Emergency Management Plan:
  - During the course of the project design, the final emergency management plan is developed. County Emergency Management Director, and others as needed, will be included in the plans development.
- Traffic:
  - Traffic to a new industrial facility is always an important design consideration. As the project design is further refined, a more detailed analysis of the traffic generated by the facility can be reviewed. A guiding principal will be primary access to the site will be from 38th Street, as it is a designated truck route. County Road 10, north of the facility, is not a truck route and will not be relied upon for site access.

sal/mrb
c: Tom Williams, Meridian Energy Group, Inc.
Dan Hedrington, SEH
p:\ko\m\merid\135471\1-genl\14-corr\m owner construction site management - 031816.docx