



# Badger Wind LLC

Amend-Badger Wind Project-Logan & McIntosh Counties

Case No. PU-24-87

Construction Inspection Report II



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September 30th, 2025

RE: Case No. PU-24-87  
Badger Wind LLC  
Amend-Badger Wind Project-Logan &  
McIntosh Counties  
Construction Inspection Report II

Mr. Robert Frank  
Utility Financial Analyst, Public Utilities Division  
North Dakota Public Service Commission  
600 East Boulevard Avenue, Dept. 408  
Bismarck, ND 58505-0480

Dear Mr. Frank:

Attached is the 2nd Construction Inspection Report for the above referenced project. This report includes the following:

1. Executive Summary
2. Inspection Report
3. Appendix A – Photo Location Maps
4. Appendix B - Photographs

Sincerely,

A handwritten signature in blue ink that reads "Loretta A. Marshik".

Loretta A. Marshik, PE  
Short Elliot Hendrickson Inc.  
905 Tacoma Ave., Suite 2  
Bismarck, ND 58504

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 905 Tacoma Ave., Ste. 2, Bismarck, ND 58504  
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**EXECUTIVE SUMMARY**

Date: 9/30/2025

Project: Badger Wind, LLC

The Construction Inspection visit included observation and documentation of means and methods for constructing haul roads, turbine footprints, turbine foundations, and pedestal construction. Inspection also documented concrete testing procedures and results. Other topics investigated included condition of previously installed erosion control and condition of topsoil stockpiles from the 2024 Topsoil Stripping and August 2025 Construction Inspections. Finally, the inspector documented site safety conditions and procedures.

**ISSUES REQUIRING RESOLUTION:** Inspector checked on Structure 22B01 after previously noting that sediment buildup was occurring on silt fence. Upon revisiting the site, it is not clear that cleaning ever occurred, and further the silt fence is in worse condition than previously documented, due to stockpiling of excess backfill too close to silt fence. Sections of this fence are leaning do to sediment build up and from large clods of subsoil rolling off pile into said fence. One section, approximately 10-15' wide is completely down and subsoil is encroaching on landowner's field. See photos P45-50 as evidence.

**PROPOSED RESOLUTION(S):** Contractor needs to move stockpile of subsoil away from silt fence, move clods of subsoil that have rolled out of ROW back into ROW, and need to clean/replace down or otherwise compromised fence.

Upon Inspection, not accounting for Structure 22B01, the site appears to follow the means and methods discussed with the inspector and meets the construction and Commission siting rules, laws, and applicable Orders.

Inspector's Signature



## Daily Construction Observation Report

Job No./file  
NDPSC 171771

Date  
09/29/2025

**Project:** Badger Wind

**Location:** Wishek, ND

**RPR Name:** Dalton Jorgenson

**Start Time:** 8:21 AM

**End Time:** 5:13 PM

**Morning Weather:** Sunny

**Afternoon Weather:** Cloudy

**Temp. (F):** High 85 Low 56

**Rainfall (in):** 0

**Utility Conflicts:** No

### Overall Comments:

**Prime Contractor:** Blattner Energy

**Foreman Name:** Reed Bartell

**# of Crews:** 250

**Equipment Onsite:** Graders, dozers, skidsteers, cranes, loaders, semi trucks, concrete trucks, sheep's foot rollers, steel drum rollers

**Contractor Notes:** Coordinated with Mike Kipke on Friday and Sunday night to determine when inspection would work. Mike confirmed Monday would work. I met Reed in job trailer and he and I sat in on POD meeting before heading out to inspect site.

### Observations

**Time:** 8:33 AM

**Description:** POD meeting

**Comments:** Crew had weekly POD meeting discussing site housekeeping, site safety best practices, delivery expectations for day/week. Blattner discussed progress for installation of towers, RFIs and blade repairs. Discussed testing needs. Introduced myself too.

**Time:** 10:07 AM

**Description:** Contractor comments

**Comments:** Asked when last rain event was. Reed said sept. 19th. Received 0.6 inches. SWPPP checks every 2 weeks or when more than 0.25 inches of rain falls.

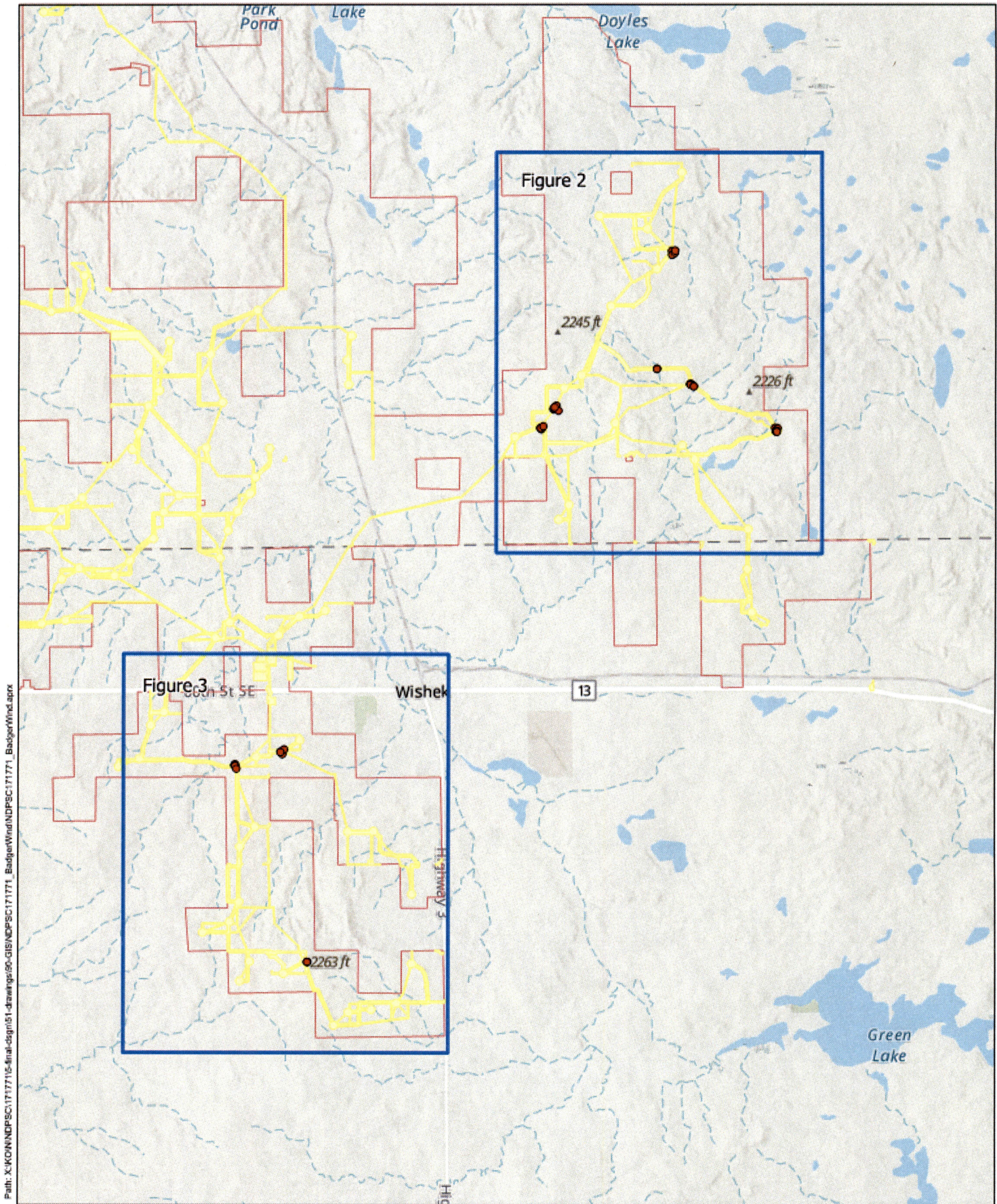
**Time:** 10:33 AM


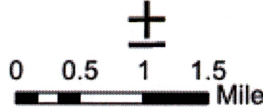
**Description:** Means and methods

**Comments:** Very dry mix, crew tests concrete for first truck, then every 30 yards. Design strength pedestal is 5000 to 5600 psi. Smaller foundation pads take ~350yds concrete.

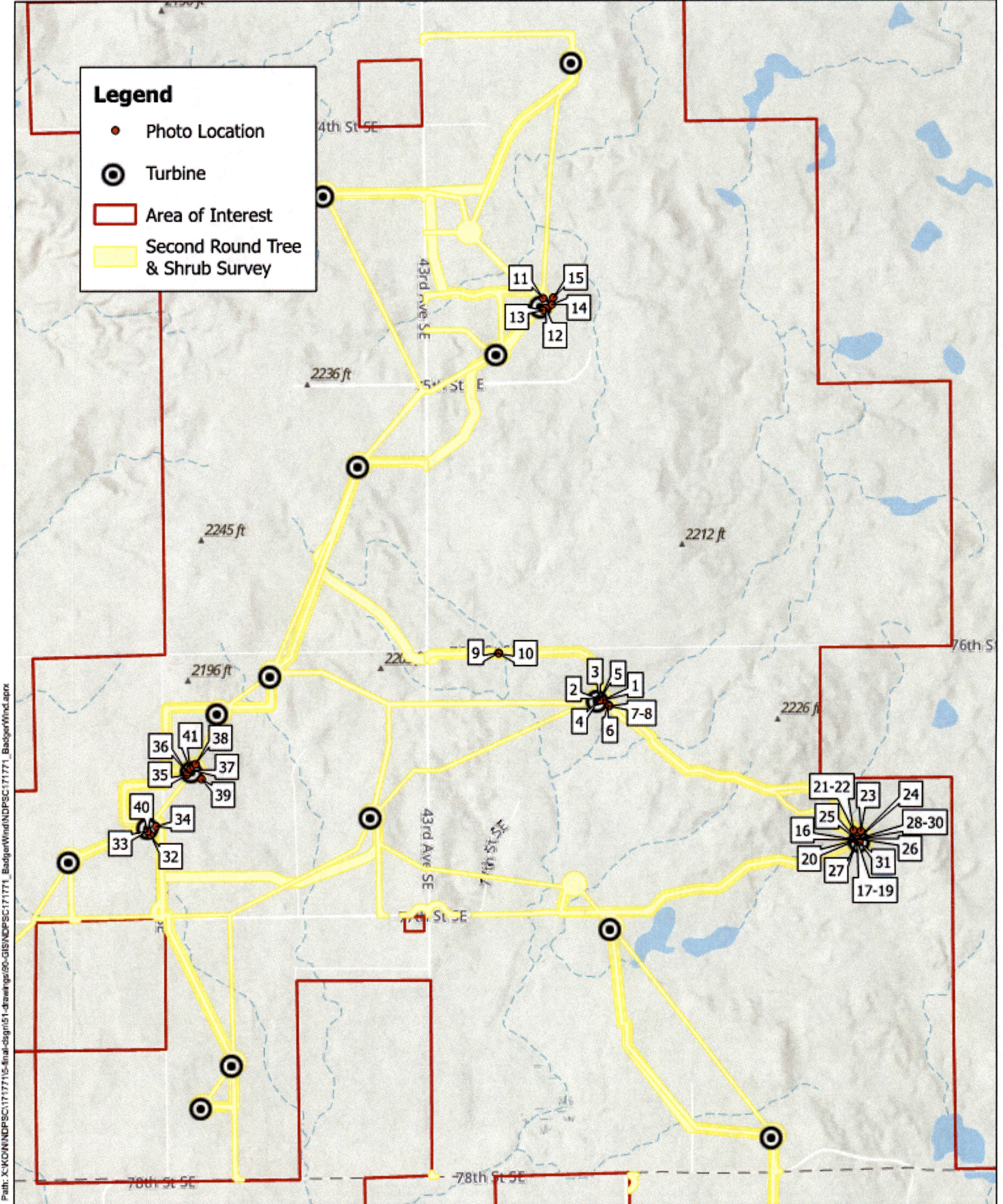
# Appendix A

Photo Location Map



		Project: NDPSC 171771 Print Date: 10/6/2025	<b>Photo Locations - Overview</b> Badger Wind Wishek, ND	<b>Figure</b> 1
		Map by: tschwarz Projection: NAD 1983 State Plane North Dakota South Source: State of ND & SEH Inc.		


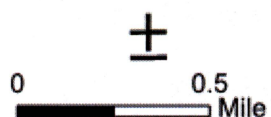
This map is neither a legally recorded map nor a survey map and is not intended to be used as one. This map is a compilation of records, information, and data gathered from various sources listed on this map and is to be used for reference purposes only. SEH does not warrant that the Geographic Information System (GIS) Data used to prepare this map are error free, and SEH does not represent that the GIS Data can be used for navigational, tracking, or any other purpose requiring coaching measurement of distance or direction or precision in the depiction of geographic features. The user of this map acknowledges that SEH shall not be liable for any damages which arise out of the user's access or use of data provided.



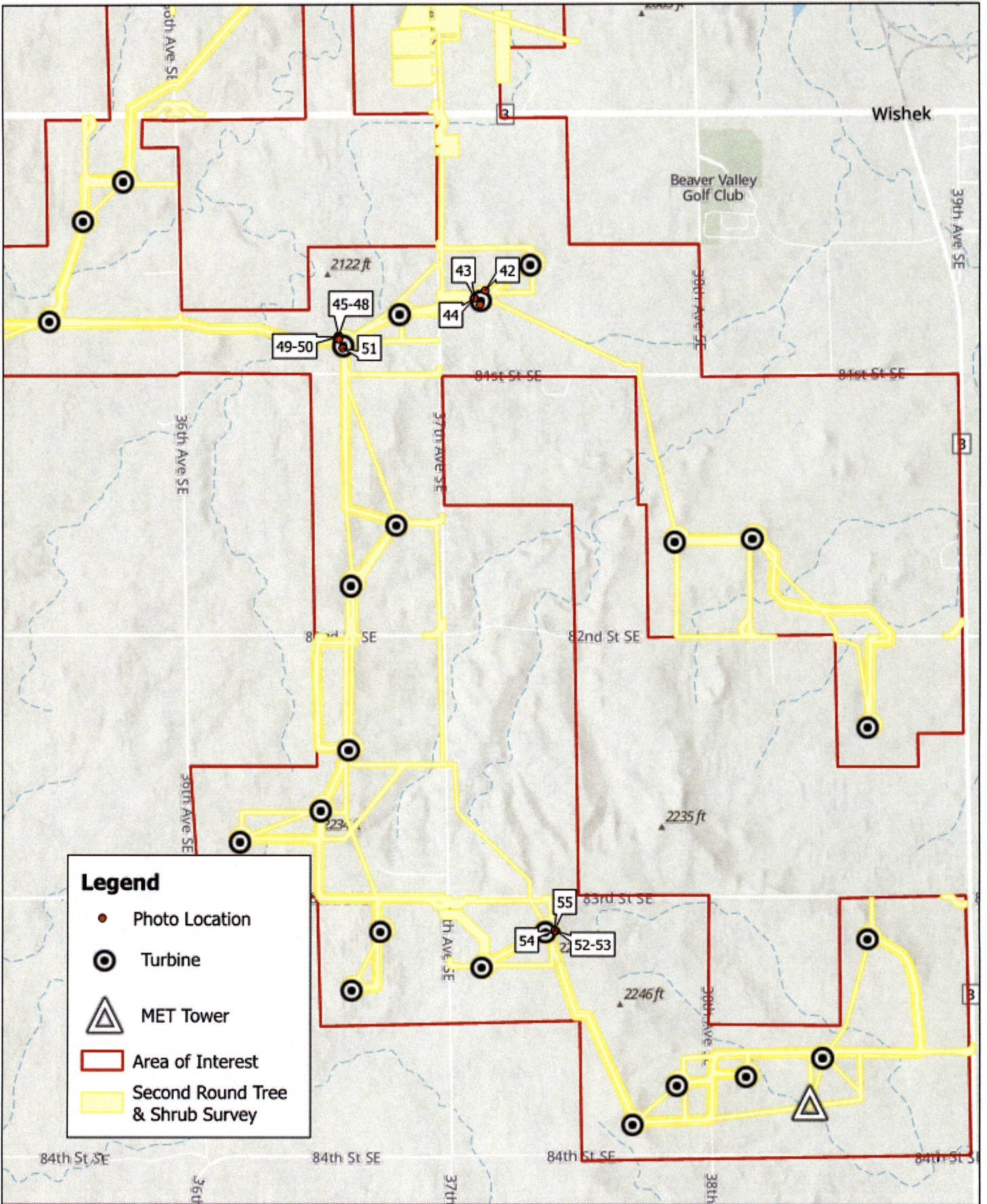
**Legend**

- Photo Location
- ⊙ Turbine
- ▭ Area of Interest
- ▬ Second Round Tree & Shrub Survey

Path: X:\KON\NDPSC\171771\15-final-dwg\m151-draw\wg150-GIS\NDPSC\171771\_BadgerWind.aprx

		<p>Project: NDPSC 171771 Print Date: 10/6/2025</p> <p>Map by: tschwarz Projection: NAD 1983 State Plane North Dakota South Source: State of ND &amp; SEH Inc.</p>	<p><b>Photo Locations - North of 78th St SE</b> Badger Wind Wishek, ND</p>	<p><b>Figure 2</b></p>
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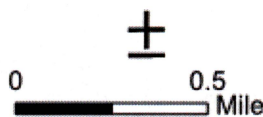
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**Legend**

- Photo Location
- Turbine
- △ MET Tower
- Area of Interest
- Second Round Tree & Shrub Survey

Path: X:\KOW\NDPSC\171771\5-final-dgn\51-drawings\50-GIS\NDPSC\171771\_BadgerWind.aprx

		<p>Project: NDPSC 171771 Print Date: 10/6/2025</p> <p>Map by: tschwarz Projection: NAD 1983 State Plane North Dakota South Source: State of ND &amp; SEH Inc.</p>	<p><b>Photo Locations - South of 78th St SE</b> Badger Wind Wishek, ND</p>	<p><b>Figure 3</b></p>
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This map is neither a legally recorded map nor a survey map and is not intended to be used as one. This map is a compilation of records, information, and data gathered from various sources listed on this map and is to be used for reference purposes only. SEH does not warrant that the Geographic Information System (GIS) Data used to prepare this map are error free, and SEH does not represent that the GIS Data can be used for navigational, tracking, or any other purpose requiring accurate measurement of distance or direction or precision in the depiction of geographic features. The user of this map acknowledges that SEH shall not be liable for any damages which arise out of the user's access or use of data provided.

# Appendix B

Photos



INSPECTOR'S DIARY

Date: 9/30/2025

Project: Badger Wind, LLC Contractor or Sub: Blattner Energy

Photo Name:	Description:
P1 - Finished Foundation	
P2 - Means and Methods: Tack Oil	
P3 - Materials: Rebar	
P4 - Materials: Concrete	
P5 - Site Conditions: Excavation standing water	
P6 - Topsoil Storage	
P7 - Erosion Control: Silt Fence	
P8 - Erosion Control: Silt Fence	
P9 - Minor Issue: Rilling	
P10 - Existing Conditions: Access Road	
P11 - Means and Methods: Compaction	
P12 - Equipment: Misc.	
P13 - Equipment: Water Truck	
P14 - Topsoil Storage	
P15 - Erosion Control: Silt Fence	
P16 - Means and Methods: Concrete	
P17 - Means and Methods: Concrete	
P18 - Means and Methods: Concrete	
P19 - Means and Methods: Concrete	
P20 - Means and Methods: Concrete	
P21 - Erosion Control: Silt Fence	
P22 - Erosion Control: Silt Fence	
P23 - Topsoil Storage	
P24 - Site Safety: JHA	
P25 - Means and Methods: Concrete Testing	
P26 - Equipment	
P27 - Means and Methods: Concrete Testing	
P28 - Means and Methods: Concrete Testing	

\*See attached Photo Layout Map with location of each photo (P1-P48), and attached pages of photos

*Dalton Jorgenson*

Inspector's Signature



INSPECTOR'S DIARY

Date: 9/30/2025

Project: Badger Wind, LLC Contractor or Sub: Blattner Energy

Photo Description:

Photo Name: Description:

- P29 - Means and Methods: Concrete Testing
- P30 - Means and Methods: Concrete Testing
- P31 - Means and Methods: Concrete Curing
- P32 - Equipment
- P33 - Means and Methods: Grading
- P34 - Equipment
- P35 - Hazard Mitigation: Concrete Washout
- P36 - Hazard Mitigation: Planking
- P37 - Means and Methods: Concrete Pumping
- P38 - Minor Issue: Topsoil Storage/Rilling
- P39 - Erosion Control: Silt Fence
- P40 - Equipment
- P41 - Means and Methods: Finishing
- P42 - Erosion Control: Silt Fence
- P43 - Control Group Conditions
- P44 - Control Group Conditions
- P45 - MAJOR CONCERN: Silt fence damage
- P46 - MAJOR CONCERN: Silt fence damage
- P47 - MAJOR CONCERN: Silt fence damage
- P48 - MAJOR CONCERN: Silt fence damage
- P49 - MAJOR CONCERN: Silt fence damage
- P50 - MAJOR CONCERN: Silt fence damage
- P51 - Equipment
- P52 - Control Group Silt Fence
- P53 - Control Group Silt Fence
- P54 - Control Group Topsoil Storage
- P55 - Control Group Site Conditions

\*See attached Photo Layout Map with location of each photo (P1-P48), and attached pages of photosConcernMajor

Inspector's Signature

**Item Records**

**Location:** 11A05

**Point Number:** 1

**Picture Number:** 1

**Time:** 9:31 AM

**Direction Facing:** W

**Notes:** One of the remaining poured foundations



**Location:** 11A05

**Point Number:** 2

**Picture Number:** 2

**Time:** 9:32 AM

**Direction Facing:** NW

**Notes:** Tack oil used to seal joint between concrete foundation and base.



**Location:** 11A05

**Point Number:** 3

**Picture Number:** 3

**Time:** 9:33 AM

**Direction Facing:** W

**Notes:** Foundation rebar. No. 8 bar used, double layered, 6" oc spacing. 3" on both inner and outer clear cover.



**Location:** 11A05

**Point Number:** 4

**Picture Number:** 4

**Time:** 9:36 AM

**Direction Facing:**

**Notes:** Outer wall diameter 16".



**Location:** 11A05

**Point Number:** 5

**Picture Number:** 5

**Time:** 9:37 AM

**Direction Facing:** SE

**Notes:** Some standing water in drainage trench, will need pumped out before backfill.



**Location:** 11A05

**Point Number:** 6

**Picture Number:** 6

**Time:** 9:39 AM

**Direction Facing:** SW

**Notes:** Topsoil storage pile, very clear evidence of vegetative cover. Silt fence behind.



**Location:** 11A05

**Point Number:** 7

**Picture Number:** 7-8

**Time:** 9:41 AM

**Direction Facing:** SW

**Notes:** Silt fence installed correctly. No evidence of sediment build up.



**Location:** 11A05 access road

**Point Number:** 8

**Picture Number:** 9

**Time:** 9:46 AM

**Direction Facing:** N

**Notes:** Best Management Practices: notified Reed that when sloughing material or transporting equipment, tracks should be made parallel to road, not perpendicular to it, as it can promote erosion, which we don't want.



**Location:** 11A05 access road

**Point Number:** 9

**Picture Number:** 10

**Time:** 9:49 AM

**Direction Facing:** W

**Notes:** Access road existing conditions.



**Location:** 12A09

**Point Number:** 10

**Picture Number:** 11

**Time:** 9:56 AM

**Direction Facing:** S

**Notes:** Structure foundation freshly backfilled and compacted. Evidently compacted by sheep's foot.



**Location:** 12A09

**Point Number:** 11

**Picture Number:** 12

**Time:** 9:58 AM

**Direction Facing:** S

**Notes:** Equipment: Ellingson MST-2200VD track vehicle with Ditch Witch FX 30 on board.



**Location:** 12A09

**Point Number:** 12

**Picture Number:** 13

**Time:** 10:00 AM

**Direction Facing:** S

**Notes:** Equipment: Peterbilt Water Truck



**Location:** 12A09

**Point Number:** 13

**Picture Number:** 14

**Time:** 10:03 AM

**Direction Facing:** SW

**Notes:** Topsoil storage pile. No evidence of vegative cover. Stripped 2-3 weeks ago.



**Location:** 12A09

**Point Number:** 14

**Picture Number:** 15

**Time:** 10:05 AM

**Direction Facing:** W

**Notes:** Silt fence. No evidence of sediment deposition.



**Location:** 11A07

**Point Number:** 15

**Picture Number:** 16

**Time:** 10:29 AM

**Direction Facing:** SW

**Notes:** Concrete loaded into belt feeder for pump truck.



**Location:** 11A07

**Point Number:** 16

**Picture Number:** 17-19

**Time:** 10:31 AM

**Direction Facing:** SE

**Notes:** Pump truck pumping concrete to foundation and base.





**Location:** 11A07

**Point Number:** 17

**Picture Number:** 20

**Time:** 10:32 AM

**Direction Facing:** E

**Notes:** Foundation rebar and pour. Crew vibrating concrete after placement.



**Location:** 11A07

**Point Number:** 18

**Picture Number:** 21-22

**Time:** 10:40 AM

**Direction Facing:** E

**Notes:** Silt fence installed correctly, no evidence of sediment build up



**Location:** 11A07

**Point Number:** 19

**Picture Number:** 23

**Time:** 10:41 AM

**Direction Facing:** SE

**Notes:** Topsoil stockpile, no evidence of subsoil mixing.



Location: 11A07

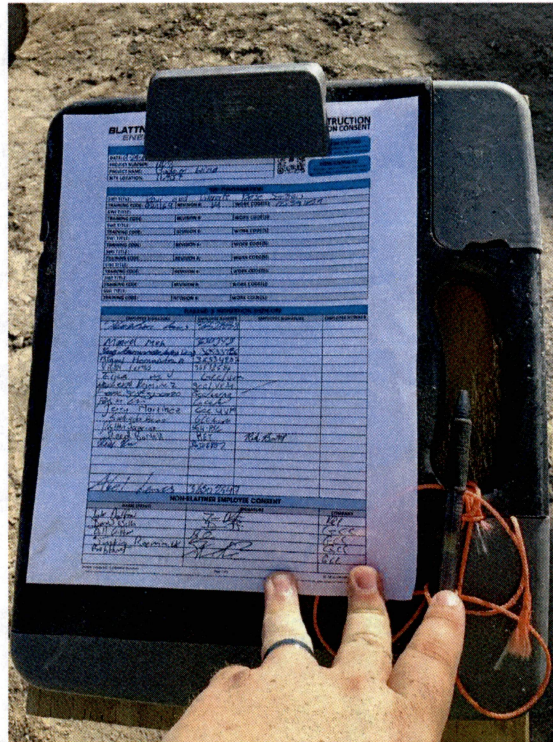
Point Number: 20

Picture Number: 24

Time: 10:43 AM

Direction Facing: E

Notes: JHA for concrete work.



**Location:** 11A07

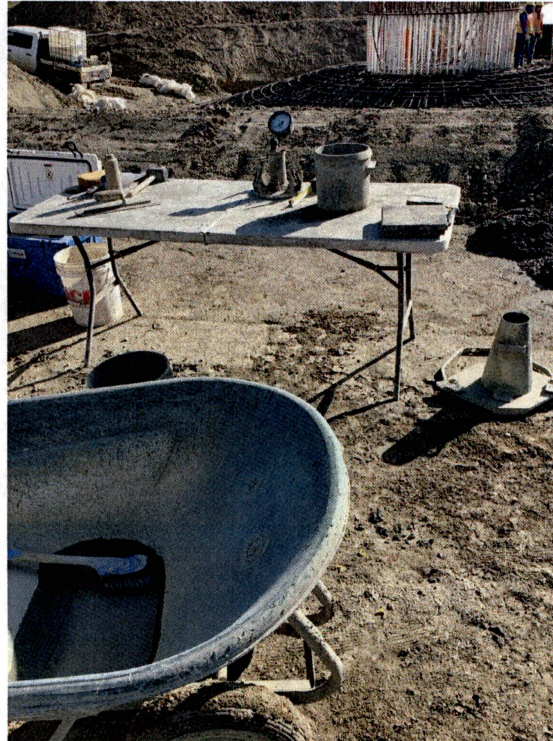
**Point Number:** 21

**Picture Number:** 25

**Time:** 10:44 AM

**Direction Facing:** E

**Notes:** Means and Methods: concrete testing equipment for QA/QC purposes.



**Location:** 11A07

**Point Number:** 22

**Picture Number:** 26

**Time:** 10:59 AM

**Direction Facing:** W

**Notes:** Equipment: CAT 872GP road grader.



**Location:** 11A07

**Point Number:** 23

**Picture Number:** 27

**Time:** 11:00 AM

**Direction Facing:** E

**Notes:** Finished cylinders for field curing and cylinders for future tests.



**Location:** 11A07

**Point Number:** 24

**Picture Number:** 28-30

**Time:** 11:05 AM

**Direction Facing:** S

**Notes:** Slump test result, 6", air content: 1.4%





**Location:** 11A07

**Point Number:** 25

**Picture Number:** 31

**Time:** 12:42 PM

**Direction Facing:** NE

**Notes:** Finished pad for tower, crew adding curing solution on top to prevent drying out.



**Location:** 12A02

**Point Number:** 26

**Picture Number:** 32

**Time:** 1:02 PM

**Direction Facing:** W

**Notes:** Equipment: CAT CP56B sheepsfoot roller



**Location:** 12A02

**Point Number:** 27

**Picture Number:** 33

**Time:** 1:03 PM

**Direction Facing:** NE

**Notes:** Crew using dozers to back fill material on top of pad. Layers are compacted by sheepsfoot roller.



**Location:** 12A02

**Point Number:** 34

**Picture Number:** 40

**Time:** 1:28 PM

**Direction Facing:** W

**Notes:** Equipment: CAT D6 XE Dozer



**Location:** 12A02

**Point Number:** 28

**Picture Number:** 34

**Time:** 1:07 PM

**Direction Facing:** NW

**Notes:** Equipment: Deere 850L LGP Dozer



**Location:** 12A03

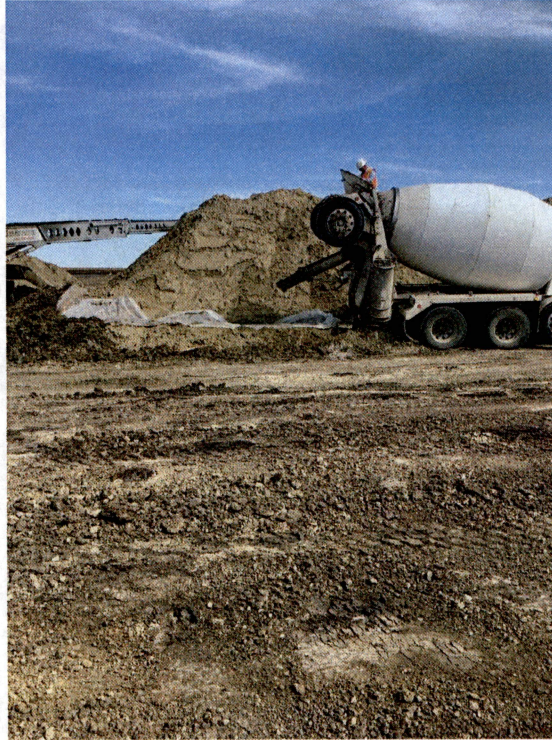
**Point Number:** 29

**Picture Number:** 35

**Time:** 1:15 PM

**Direction Facing:** NE

**Notes:** Concrete washout pit



**Location:** 12A03

**Point Number:** 30

**Picture Number:** 36

**Time:** 1:16 PM

**Direction Facing:** NW

**Notes:** Planking to prevent rutting on site.



**Location:** 12A03

**Point Number:** 31

**Picture Number:** 37

**Time:** 1:18 PM

**Direction Facing:** E

**Notes:** Pouring pedestal using pump truck. Most recent concrete test passed.



**Location:** 12A03

**Point Number:** 32

**Picture Number:** 38

**Time:** 1:22 PM

**Direction Facing:** E

**Notes:** Topsoil pile, no signs of subsoil contamination, noticing again tracks that encourage erosion by water rilling. Likely moot due to how topsoil was stored. No evidence of vegetative cover currently.



**Location:** 12A03

**Point Number:** 33

**Picture Number:** 39

**Time:** 1:26 PM

**Direction Facing:** S

**Notes:** Silt fence installed. Looking at lowest point, no sign of sediment deposition.



**Location:** 12A03

**Point Number:** 35

**Picture Number:** 41

**Time:** 1:33 PM

**Direction Facing:** E

**Notes:** Means and methods: crew using floats to smooth and finish concrete.



**Location:** 23B04

**Point Number:** 36

**Picture Number:**

**Time:** 3:55 PM

**Direction Facing:** NE

**Notes:** Control group topsoil pile, vegetative cover evident.

**Location:** 23B04

**Point Number:** 37

**Picture Number:** 42

**Time:** 3:58 PM

**Direction Facing:** NW

**Notes:** Silt fence still surrounded by vegetative cover, no concerns.



**Location:** 23B04

**Point Number:** 38

**Picture Number:** 43

**Time:** 4:00 PM

**Direction Facing:** E

**Notes:** Control structure current progress and conditions.



**Location:** 23B04

**Point Number:** 39

**Picture Number:** 44

**Time:** 4:01 PM

**Direction Facing:** W

**Notes:** Control structure haul road current conditions.



**Location:** 22B01

**Point Number:** 40

**Picture Number:** 45-48

**Time:** 4:09 PM

**Direction Facing:** SW

**Notes:** Area of concern: last time I was here, this section had sediment buildup, which I pointed out to Reed B. Upon returning to this spot they've placed excess subsoil from backfilling operations up against this silt fence and the weight of such large chunks has knocked loose posts and sections of fence.





**Location:** 22B01

**Point Number:** 41

**Picture Number:** 49-50

**Time:** 4:12 PM

**Direction Facing:** SW

**Notes:** Area of concern: it does not appear that silt buildup was removed after last inspection. Coupled with this new issue of large clods of subsoil pressing on and knocking over silt fence, I see this being an erosion risk for the land owner.



**Location:** 22B01

**Point Number:** 42

**Picture Number:**

**Time:** 4:14 PM

**Direction Facing:** W

**Notes:** Area of concern: this section, approximately 10-15' of fence is completely down due to heavy clods of subsoil hitting fence. This poses an erosion risk. Needs IMMEDIATE remediation.

**Location:** 22B01

**Point Number:** 43

**Picture Number:**

**Time:** 4:18 PM

**Direction Facing:** SE

**Notes:** Current conditions of control structure: crew has installed pad and pedestal, backfilled and compacted material. Underground cable has been installed. Skidsteer is laying planking for cranes to rest on during structure building activities.

**Location:** 22B01

**Point Number:** 44

**Picture Number:** 51

**Time:** 4:23 PM

**Direction Facing:** E

**Notes:** CAT 255 skidsteer with fork attachments



**Location:** 23A03

**Point Number:** 45

**Picture Number:** 52-53

**Time:** 4:40 PM

**Direction Facing:** S

**Notes:** Silt fence in good condition



**Location:** 23A03

**Point Number:** 46

**Picture Number:** 54

**Time:** 4:42 PM

**Direction Facing:** S

**Notes:** Topsoil storage, vegetative cover evident.



**Location:** 23A03

**Point Number:** 47

**Picture Number:** 55

**Time:** 4:42 PM

**Direction Facing:** W

**Notes:** Control structure progress: foundation and pedestal installed, subsoil backfilled. Structure to be built soon.





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Sustainable buildings, sound infrastructure, safe transportation systems, clean water, renewable energy and a balanced environment. Building a Better World for All of Us communicates a companywide commitment to act in the best interests of our clients and the world around us.

We're confident in our ability to balance these requirements.

