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**Jeff Nelson**  
**Manager, Project Engineering**

Direct Line: 403-267-7451  
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November 6, 2020

NH Department of Environmental Services  
Alteration of Terrain Program – Attn: Ridge Mauck  
PO Box 95  
Concord, NH 03302-0095

**RE: Written Notice – Termination of Sampling**

Dear Mr. Mauck,

Antrim Wind Energy (AWE) is hereby requesting to terminate turbidity monitoring.

Attached are the results from two (2) consecutive storm samples that do not exceed the turbidity criteria.

Should you have any questions, please feel free to contact me. I look forward to your response to this request.

Yours truly,

**TRANSALTA CORPORATION**

JEFF NELSON, P.ENG  
Manager, Project Engineering

cc: Craig Rennie, NHDES  
Jeffrey Blecharczyk, NHDES  
Jessica Bouchard, NHDES  
Gregg Comstock, NHDES  
NH SEC Administrator  
Donna Hanson, Town of Antrim

# Antrim Wind Stormwater Inspection

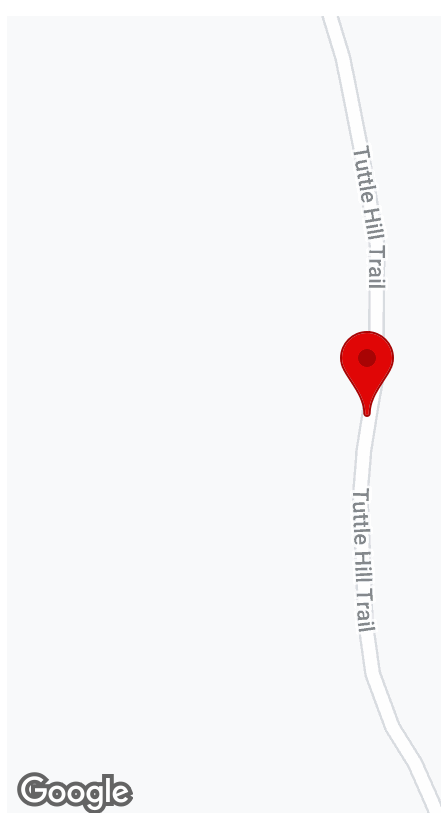
Stormwater and erosion control site inspection form Reports at <https://map.trcsolutions.com/app/antrim/reporting/#>

## INSP-KCF-201017

11/5/2020, 10:06:39 PM UTC



View of crane path and vegetated area adjacent to crane path at STA 156+00.



### CREATED

🕒 10/17/2020, 10:13:28 PM UTC

👤 by Kevin Ferguson

### UPDATED

🕒 11/5/2020, 10:06:39 PM UTC

👤 by Tom Daniels

### STATUS

🟢 Certified

### LOCATION

📍 43.053486, -72.020419

### PROJECT

📁 No Project

### ASSIGNED TO

👤 No Assignment

Google

Map data ©2020

## General Site Information

Project	Antrim Wind
Date	October 17, 2020
Time	09:00
Inspector	Kevin Ferguson
Inspector's Title	Biologist
Inspector's Initials	KCF
Record ID	INSP-KCF-201017
Describe present phase of construction	Post-construction
Type of Inspection	Post-storm Event

## Inspection

### Weather Information

Has there been a storm event since the last inspection?	Yes
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### Storm Details (1 Item)

#### Storm Details - 1. INSP-KCF-201017-1, October 16, 2020

Storm ID	INSP-KCF-201017-1
Storm Date	October 16, 2020
Storm Start Time	14:00
Storm End Time	08:00
Storm Duration (hours)	18
Approximate Amount of Precipitation (inches)	1.22
Weather at time of inspection	Cloudy
Wind	6 - 22-27 knots (Strong Breeze)

### Site-Specific BMP

### Slopes



<b>Are slopes and disturbed areas not actively being worked properly stabilized?</b>	Yes
<b>Slope Maintenance Required</b>	No
<b>Slopes: Corrective action needed and notes</b>	No concerns at this time.

**Photos-Slopes**



View of crane path and vegetated area adjacent to crane path at STA 156+00.



View of vegetated area adjacent to Turbine Pad #7 at STA 707+00.



View of crane path and vegetated area adjacent to crane path at STA 135+00.



View of Turbine Pad 5 and vegetated area adjacent to Turbine Pad 5 at STA 95+00.



View of vegetated area adjacent to Turbine Pad 3 at STA 209+00.



View of crane path and vegetated area adjacent to crane path at STA 63+00.



View of ditch along crane path at STA 5+00. No turbidity or suspended sediment visually observed.

**Are natural resources areas ( e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?**

Yes

**Resource Maintenance Required**

No

**Resources: Corrective action needed and notes**

No concerns at this time.

Photos-Resources

## Discharges

**Are discharge points and receiving water free of any sediment deposits?**

Yes

**Discharge Maintenance Required**

No

**Discharges: Corrective action needed and notes**

No concerns at this time.

Photos-Discharges

## Traffic Exit



<b>Is the construction exit preventing sediment from being tracked into the street?</b>	Yes
<b>Traffic Maintenance Required</b>	No
<b>Traffic: Corrective action needed and notes</b>	No concerns at this time.

**Photos-Traffic**



View of construction exit onto Route 9 at STA 0+00. No track-out observed.

## Refuse

<b>Is trash/litter from work areas collected and place in covered dumpsters?</b>	Yes
<b>Refuse Maintenance Required</b>	No
<b>Refuse: Corrective action needed and notes</b>	No concerns at this time.

**Photos-Refuse**

## Vehicle and Equipment

<b>Are vehicle and equipment fueling, cleaning, maintenance areas free of spills, leaks, or any other deleterious material?</b>	Yes
<b>Vehicle and Equipment Maintenance Required</b>	No
<b>Vehicle and Equipment: Corrective action needed and notes</b>	No concerns at this time.

**Photos-Vehicle and Equipment**

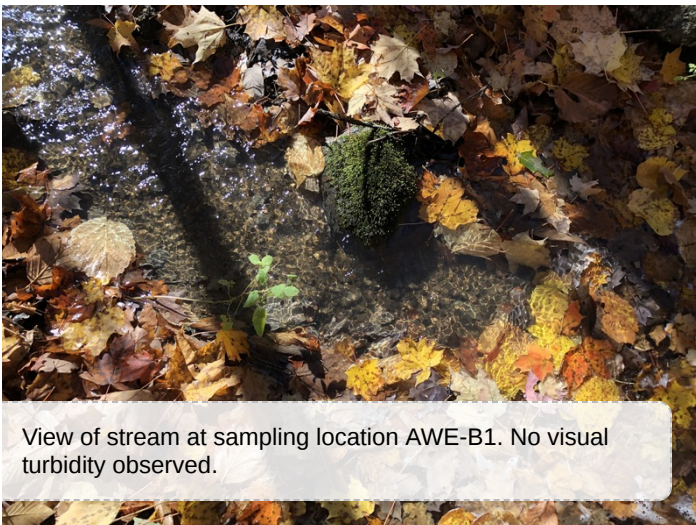
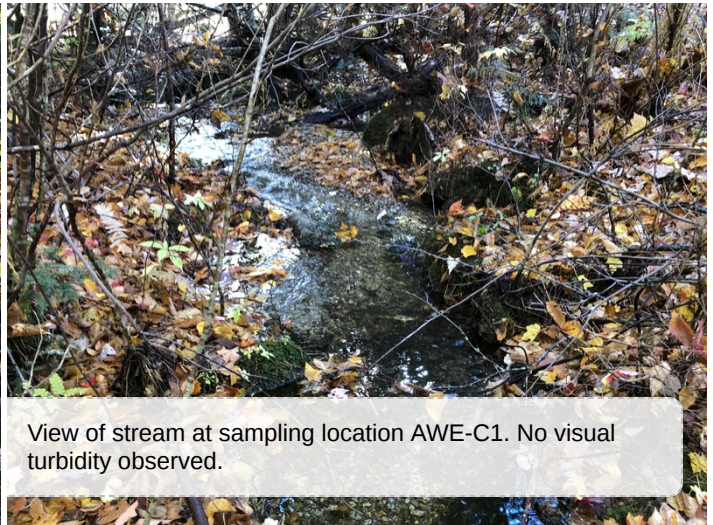
## Stormwater Contaminates

Are materials that are potential stormwater contaminants stored inside or under cover?	Yes
Stormwater Contaminate Maintenance Required	No
Stormwater Contaminate: Corrective action needed and notes	No concerns at this time.
Photos-Stormwater Contaminate	

## Additional Notes

Additional Observations	TRC completed turbidity monitoring onsite due to a storm event (10/16/2020) totaling 1.22 inches. No turbidity exceedance observed during monitoring.
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### Photos-Additional Observations

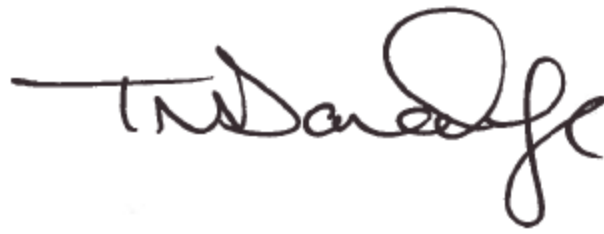


### Videos-Additional Observations

## Certification



**Signature**



Signed 11/5/2020, 10:06:28 PM UTC

**Name, Title**

Tom Daniels, PE

**Timestamp**

2020-11-05 17:06:28

<b>AWE-B-1</b>	<b>Date</b>	<b>Total Precipitation (inches)</b>	<b>Time Precipitation Started</b>	<b>Time Precipitation Ended</b>	<b>Amount of Precipitation that has Fallen Since Last Sampling Event (inches)</b>	<b>Date Samples Were Taken</b>	<b>Time Samples Were Taken</b>	<b>Turbidity Results (NTU)</b>	<b>Background Corrected (NTU)</b>	<b>Turbidity Exceedance</b>
<b>Sample 1</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	9:09 A.M.	1.79	0	N/A
<b>Sample 2</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	9:011 A.M.	0.84	0	N/A
<b>Sample 3</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	9:14 A.M.	0.97	0	N/A
<b>Sample 4</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	9:55 A.M.	0.45	0	N/A
<b>Sample 5</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	10:01 A.M.	1.13	0	N/A
<b>Sample 6</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	10:04 A.M.	0.78	0	N/A
<b>Sample 7</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	10:44 A.M.	0.84	0	N/A
<b>Sample 8</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	10:46 A.M.	0.67	0	N/A

<b>AWE-C-1</b>	<b>Date</b>	<b>Total Precipitation (inches)</b>	<b>Time Precipitation Started</b>	<b>Time Precipitation Ended</b>	<b>Amount of Precipitation that has Fallen Since Last Sampling Event (inches)</b>	<b>Date Samples were Taken</b>	<b>Time Samples were Taken</b>	<b>Turbidity Results (NTU)</b>	<b>Background Corrected (NTU)</b>	<b>Turbidity Exceedance</b>
<b>Sample 1</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	9:10 A.M.	1.14	-0.65	No
<b>Sample 2</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	9:13 A.M.	0.64	-0.2	No
<b>Sample 3</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	9:16 A.M.	0.73	-0.24	No
<b>Sample 4</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	9:58 A.M.	1.24	0.79	No
<b>Sample 5</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	10:02 A.M.	0.52	-0.61	No
<b>Sample 6</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	10:05 A.M.	0.94	0.16	No
<b>Sample 7</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	10:45 A.M.	1.50	0.66	No
<b>Sample 8</b>	2020/10/17	1.22	10/16/2020 at 3:00 P.M	10/17/2020 at 8:00 A.M	1.22	2020/10/17	11:47 A.M.	1.54	0.87	No

<b>AWE-C-2</b>	<b>Date</b>	<b>Total Precipitation (inches)</b>	<b>Time Precipitation Started</b>	<b>Time Precipitation Ended</b>	<b>Amount of Precipitation that has Fallen Since Last Sampling Event (inches)</b>	<b>Date Samples were Taken</b>	<b>Time Samples were Taken</b>	<b>Turbidity Results (NTU)</b>	<b>Background Corrected (NTU)</b>	<b>Turbidity Exceedance</b>
<b>Sample 1</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	1:28 PM	7.53	8.44	No
<b>Sample 2</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	1:32 PM	7.61	7.67	No
<b>Sample 3</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	2:28 PM	3.63	3.77	No
<b>Sample 4</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	2:32 PM	3.42	3.5	No
<b>Sample 5</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	3:29 PM	1.67	1.89	No
<b>Sample 6</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	3:33 PM	1.69	1.93	No
<b>Sample 7</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	4:28 PM	1.56	1.74	No
<b>Sample 8</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	4:32 PM	1.78	1.89	No

# Antrim Wind Stormwater Inspection

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Stormwater and erosion control site inspection form Reports at <https://map.trcsolutions.com/app/antrim/reporting/#>

## INSP-MGL-201030

11/5/2020, 10:28:33 PM UTC

### CREATED

🕒 10/30/2020, 10:18:09 PM UTC

👤 by Molly Lennon

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### UPDATED

🕒 11/5/2020, 10:28:33 PM UTC

👤 by Tom Daniels

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### STATUS

🟢 Certified

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### PROJECT

📁 No Project

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### ASSIGNED TO

👤 No Assignment

## General Site Information

Project	Antrim Wind
Date	October 30, 2020
Time	13:00
Inspector	Molly Lennon
Inspector's Title	Biologist
Inspector's Initials	MGL
Record ID	INSP-MGL-201030
Describe present phase of construction	Post-construction
Type of Inspection	Post-storm Event

## Inspection

## Weather Information

Has there been a storm event since the last inspection?	Yes
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## Storm Details (1 Item)

### Storm Details - 1. INSP-MGL-201030-1, October 28, 2020

Storm ID	INSP-MGL-201030-1
Storm Date	October 28, 2020
Storm Start Time	06:00
Storm End Time	16:00
Storm Duration (hours)	10
Approximate Amount of Precipitation (inches)	0.33
Weather at time of inspection	Cloudy
Wind	2 - 4-6 knots (Light Breeze)

## Site-Specific BMP

## Slopes

Are slopes and disturbed areas not actively being worked properly stabilized?	Yes
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Slope Maintenance Required	No
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Slopes: Corrective action needed and notes	
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Photos-Slopes

## Natural Resources\_section

Are natural resources areas ( e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	Yes
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Resource Maintenance Required	No
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Resources: Corrective action needed and notes	
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Photos-Resources

## Discharges

Are discharge points and receiving water free of any sediment deposits?	Yes
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Discharge Maintenance Required	No
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Discharges: Corrective action needed and notes	
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Photos-Discharges

## Traffic Exit

Is the construction exit preventing sediment from being tracked into the street?	Yes
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Traffic Maintenance Required	No
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Traffic: Corrective action needed and notes	
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Photos-Traffic

## Refuse

Is trash/litter from work areas collected and placed in covered dumpsters?	Yes
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Refuse Maintenance Required	No
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Refuse: Corrective action needed and notes

Photos-Refuse

## Vehicle and Equipment

Are vehicle and equipment fueling, cleaning, maintenance areas free of spills, leaks, or any other deleterious material? Yes

Vehicle and Equipment Maintenance Required No

Vehicle and Equipment: Corrective action needed and notes

Photos-Vehicle and Equipment

## Stormwater Contaminates

Are materials that are potential stormwater contaminants stored inside or under cover? Yes

Stormwater Contaminate Maintenance Required No

Stormwater Contaminate: Corrective action needed and notes

Photos-Stormwater Contaminate

## Additional Notes

Additional Observations TRC completed turbidity monitoring onsite due to a storm event (10/29-10/30/2020) totaling 0.94 inches. No turbidity exceedance observed during monitoring.



Photos-Additional Observations



Photo of turbidity sampling location AWE-B1. No visual turbidity observed.



Photo of turbidity sampling location AWE-C1. No visual turbidity observed.



Photo of turbidity sampling location AWE-C2. No visual turbidity observed.

Videos-Additional Observations

Certification

Signature

Signed 11/5/2020, 10:21:41 PM UTC

Name, Title

Tom Daniels, PE

Timestamp

2020-11-05 17:21:41

<b>AWE-B-1</b>	<b>Date</b>	<b>Total Precipitation (inches)</b>	<b>Time Precipitation Started</b>	<b>Time Precipitation Ended</b>	<b>Amount of Precipitation that has Fallen Since Last Sampling Event (inches)</b>	<b>Date Samples Were Taken</b>	<b>Time Samples Were Taken</b>	<b>Turbidity Results (NTU)</b>	<b>Background Corrected (NTU)</b>	<b>Turbidity Exceedance</b>
<b>Sample 1</b>	2020/10/30	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	1:06 PM	-0.91	0	N/A
<b>Sample 2</b>	2020/10/30	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	1:10 PM	-0.06	0	N/A
<b>Sample 3</b>	2020/10/30	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	2:08 PM	-0.14	0	N/A
<b>Sample 4</b>	2020/10/30	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	2:12 PM	-0.08	0	N/A
<b>Sample 5</b>	2020/10/30	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	3:05 PM	-0.22	0	N/A
<b>Sample 6</b>	2020/10/30	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	3:09 PM	-0.24	0	N/A
<b>Sample 7</b>	2020/10/30	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	4:06 PM	-0.18	0	N/A
<b>Sample 8</b>	2020/10/30	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	4:10 PM	-0.11	0	N/A

<b>AWE-C-1</b>	<b>Date</b>	<b>Total Precipitation (inches)</b>	<b>Time Precipitation Started</b>	<b>Time Precipitation Ended</b>	<b>Amount of Precipitation that has Fallen Since Last Sampling Event (inches)</b>	<b>Date Samples were Taken</b>	<b>Time Samples were Taken</b>	<b>Turbidity Results (NTU)</b>	<b>Background Corrected (NTU)</b>	<b>Turbidity Exceedance</b>
<b>Sample 1</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	1:13 PM	-0.08	0.83	No
<b>Sample 2</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	1:18 PM	-0.03	0.03	No
<b>Sample 3</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	2:15 PM	0.57	0.71	No
<b>Sample 4</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	2:19 PM	0.56	0.64	No
<b>Sample 5</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	3:14 PM	0.25	0.47	No
<b>Sample 6</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	3:19 PM	0.45	0.69	No
<b>Sample 7</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	4:14 PM	0.33	0.51	No
<b>Sample 8</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	4:18 PM	0.21	0.32	No

<b>AWE-C-2</b>	<b>Date</b>	<b>Total Precipitation (inches)</b>	<b>Time Precipitation Started</b>	<b>Time Precipitation Ended</b>	<b>Amount of Precipitation that has Fallen Since Last Sampling Event (inches)</b>	<b>Date Samples were Taken</b>	<b>Time Samples were Taken</b>	<b>Turbidity Results (NTU)</b>	<b>Background Corrected (NTU)</b>	<b>Turbidity Exceedance</b>
<b>Sample 1</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	1:28 PM	7.53	8.44	No
<b>Sample 2</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	1:32 PM	7.61	7.67	No
<b>Sample 3</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	2:28 PM	3.63	3.77	No
<b>Sample 4</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	2:32 PM	3.42	3.5	No
<b>Sample 5</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	3:29 PM	1.67	1.89	No
<b>Sample 6</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	3:33 PM	1.69	1.93	No
<b>Sample 7</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	4:28 PM	1.56	1.74	No
<b>Sample 8</b>	2020/10/17	0.94	10/29/2020 at 1:00 PM	10/30/2020 at 2:00 PM	1.27	2020/10/30	4:32 PM	1.78	1.89	No