# New York State Department of Environmental Conservation Division of Materials Management Albany, New York 12233-7253

### 2020

### REGISTERED OR PERMITTED FACILITY ANNUAL REPORT

### COMPOSTING

(DO NOT USE THIS FORM FOR BIOSOLIDS COMPOSTING)

6 NYCRR Part 361-3.2

This annual report is for the year of operation from January 01, 2020 to December 31, 2020

Annual Report Form Due: No Later than March 1, 2021

This form may be used for all composting facilities under section 361-3.2 of the Part 360 series except for biosolids composting. Biosolids composting requires the submission of a different annual report form. Forms for all solid waste management facilities can be found at <a href="http://www.dec.ny.gov/chemical/52706.html">http://www.dec.ny.gov/chemical/52706.html</a>. If you have any questions on this form, please e-mail <a href="mailto:organicrecycling@dec.ny.gov">organicrecycling@dec.ny.gov</a>.

Failure to provide the required information requested is a violation of Environmental Conservation Law. Timely submission of a properly completed form to the Department's Regional Office that has jurisdiction over your facility and to the Department's Central Office is required to meet the Annual Report requirements of 6 NYCRR Part 360 series.

Attach additional sheets if space on the pages is insufficient or supplementary information is required or appropriate.

FACILITY NAME: NOCO Enterprises LLC, dba as Buffalo River Compost
SW FACILITY ACTIVITY NUMBER(S): (Ex. 02P20099) 15P10021 / 15P20021
COUNTY WHERE FACILITY IS LOCATED: Erie County

DEC USE ONLY

Region:

SWIMS:

MATRIX:

Date Reviewed:

Reviewed By:

Data Entered:

# COMPOST FACILITY ANNUAL REPORT SECTION 1 – FACILITY INFORMATION

	FACILITY INFORMATION	100000	Property and Publisher	
FACILITY NAME: Buffalo River Compost				
FACILITY LOCATION ADDRESS:	FACILITY CITY:		STATE:	ZIP CODE:
47 Ensign St.	Buffalo		NY	14210
FACILITY TOWN:	FACILITY COUNTY:			E NUMBER:
Buffalo	Erie	71	6-51	0-4618
NYSDEC REGION 9				
Brian Murphy	CONTACT PHONE NUMBER: Cell: 716-510-4618			
CONTACT EMAIL ADDRESS: bmurpl	ny@noco.com			
	OWNER INFORMATION	多发素		
OWNER NAME:	OWNER PHONE NUMBER:	O 11	. 740 5	10 4040
NOCO Enterprises LLC	Office: 716-833-6626 /	Cell		
owner address: 2440 Sheridan Drive	OWNER CITY: Tonawanda		STATE: NY	ZIP CODE: 14150
OWNER CONTACT:	OWNER CONTACT EMAIL ADDRE	SS:		
Brian Murphy	bmurphy@noco.com	ו		
	OPERATOR INFORMATION			
OPERATOR NAME:  Same as owner				
	PREFERENCES		2 2 2 E	
Preferred address to receive correspondence: Other (provide):	Facility location address	<b>O</b> 0	wner address	
Preferred email address: Facility Contact	Owner Contact			
Other (provide):				
Preferred individual to receive correspondence Other (provide):	e: Facility Contact Owner		Owner	Contact
Did you operate in 2020? Yes; Complet				
wish to relinquish your permit/registration assortice of your intent. See attachment for Regio				

SECTION 2 – QUANTITY OF MATERIAL RECEIVED
Please report quantities received from <u>January 01, 2020</u> to <u>December 31, 2020</u>

	Inputs	Quantity	Unit	Source(s)
	Leaves only	50	Cubic Yards	FGI Landscaping
WASTE	Grass Clippings		Choose Units	
YARD WASTE	Mixture of Grass and Leaves	50	Cubic Yards	FGI Landscaping
	Brush (Small branches and limbs, <4 inch diameter)	2000	Cubic Yards	Multiple Sources
0	Source Separated Organics (Food scraps, soiled paper products, etc.)	450	Tons	Natural Upcycling
SSO	Food Processing Waste (brewery grains, grape pomace, etc.)	50	Cubic Yards	Local Buffalo Breweries
	Crop Residues (Corn stalks, etc.)		Choose Units	
	Manure (including bedding)	200	Cubic Yards	Buffalo City Zoo
	Sawdust/Shavings		Choose Units	
OTHER	Animal Carcasses (road-kill, animal mortalities)		Choose Units	
	Paper Mill Residuals		Choose Units	
	Digestate		Choose Units	
	Other:		Choose Units	
LNE	Woodchips	1000	Cubic Yards	Asplund & ETS
BULKING AGENT	Sawdust		Choose Units	
BULKII	Other:		Choose Units	

### **SECTION 3 – COMPOST PRODUCTION**

WHAT IS THE PROCESS DETENTION TIME? Note: Total time material is processed, not Including storage time	Generally 30 to 60	days
COMPOST PRODUCED DURING THE YEAR:	Approx. 4,018	Cubic Yards
COMPOST DISTRIBUTED DURING THE YEAR:	Approx. 4,018	Cubic Yards
QUANTITY CURRENTLY STOCKPILED: Note: Finished product stockpiled	Approx. 1,600	Cubic Yards
AGE OF OLDEST PRODUCT ON SITE:	3 to 6	months

### **SECTION 4 – COMPOST DISTRIBUTION**

Quantity Distributed Cubic Yards	Use of Compost (landscaping, agriculture, highway, onsite, bagged, etc.)
Approximately 4,018	Landscaping - Bulk Sales

## If PERMITTED SSO composting facility, continue to Section #5 SSO — Source Separated Organics

ALL OTHER COMPOSTING FACILITIES, continue to Section #9

### **SECTION 5 - PATHOGEN AND VECTOR ATTRACTION REDUCTION**

For permitted SSO composting facilities only. Check one method for each:

### Pathogen Reduction 361-3.7(a)

Windrow Composting	
Aerated Static Pile Composting	
In-vessel Composting	
Other (specify):	
	Vector Attraction Reduction 361-3.7(b)
38 % Volatile Solids Reduction	
Sour	
Aerobic Process 14 days, ≥40C	, ≥45 C avg.

### **IMPORTANT NOTE!**

Attach operating and monitoring data to show compliance with methods chosen. Temperature data records should indicate when a pile was created, pile was moved, additional material was added and/or pile was turned.

### **SECTION 6 - FINISHED COMPOST ANALYSIS**

For permitted SSOW composting facilities only. Please attach sampling analyses and laboratory reports as required under Part 360 or your permit. Copies of original laboratory results must be attached. All results, except pH and Total Solids, must be on a dry weight basis. See 361-3.9 Table 6 for pollutant limits and Table 5 for annual product testing frequency 361-3.9 Table 5.

Summarize data in table below or attached document. Print additional pages as needed.

Analysis Date ====>	See	Att.	Labs	Max. Conc. (mg/kg)
Arsenic (mg/kg)				41
Cadmium (mg/kg)		:		10
Chromium (mg/kg)				1,000
Copper (mg/kg)				1,500
Lead (mg/kg)				300
Mercury (mg/kg)				10
Molybdenum (mg/kg)				40
Nickel (mg/kg)				200
Selenium (mg/kg)				100
Zinc (mg/kg)				2,500
TKN (mg/kg)				
Ammonia Nitrogen (mg/kg)				
Nitrate (mg/kg)				
Total Phosphorus (mg/kg)				
Total Potassium (mg/kg)				
pH (s.u.)				
Total Solids( %)				
Total Volatile Solids (%)				
Fecal Coliform (MPN/g)				<1,000 MPN/g
Salmonella (MPN/4g)				<3MPN/4g
Other				

### **SECTION 7 -- SAMPLE MANAGEMENT PLAN**

For permitted SSO composting facilities only. Describe the number, frequency and location of samples taken. Include a diagram showing all sampling locations.

Samples of finished compost are collected once matured, as required by the end-user. Multiple grab samples are collected throughout the windrow and composited to ensure the sample is representative of the whole pile.

### **SECTION 8 – ATTACHMENTS (IF REQUIRED)**

Permitted SSO composting facilities, please attach:

- Temperature monitoring and detention time data.
- Sample analyses laboratory reports.
- Any additional reporting requirements.

Do you have a variance to the Part 360 permit requirements? Yes	<b>●</b> No
If yes, please describe:	

### **SECTION 9 – UNAUTHORIZED WASTE**

Has unauthorized	d solid waste been received at the composting facility during the reporting period?  No
If yes, give inform	nation below for each incident (attach additional sheets if necessary):

### **SECTION 10 - PROBLEMS/COMPLAINTS**

Describe any operational problems or neighbor complaints arising from the composting operation and include any methods used to remedy the situations. This should include odor complaints, marketing difficulties, major equipment failure, etc.

No problems or complaints recorded.

### **SECTION 11 - QUESTIONS**

Please identify any questions or concerns that you would like the Department to answer or consider:

### SECTION 12 - FOOD DONATION & FOOD SCRAPS RECYCLING LAW

If you are registered or permitted to compost food scraps please complete the following. For all other operations that are interested in processing food scraps, please contact your DEC regional office to determine what is required.

In 2019, New York State passed the Food Donation & Food Scraps Recycling law. Effective January 1, 2022, large generators of food scraps (defined as generating an annual average of two tons per week or more) must donate excess food and recycle all remaining food scraps if they are within 25 miles of an organics recycler (composting facility, anaerobic digester, etc.). Examples of large generators include: large restaurants, grocery stores, hotels, colleges, etc. For more information visit: <a href="https://www.dec.ny.gov/chemical/114499.html">https://www.dec.ny.gov/chemical/114499.html</a>

### **Contact Information**

Under this legislation, DEC is responsible for providing a list of organics recyclers (compost facilities, anaerobic digesters, etc.) to large generators so they can determine available food scraps recycling opportunities in their area.

You will be included in this listing if you hold a permit or registration for the composting of source separated organics or food scraps. This will educate both large generators and haulers of food scraps that you are an available composter in their area.

Please provide the following information to include in the listing. Name of Business: Buffalo River Compost Business Phone Number: 716-510-4618 Business Email: bmurphy@noco.com Business Website: www.noco.com I would like to opt out of DEC listing my facility as an available food scraps recycler for large generators as it relates to the Food Donation and Food Scraps Recycling law. **Assessing Your Food Scraps Recycling Capacity** DEC is responsible for assessing available food scraps recycling capacity across New York State. Information from your operation will help us do this. Please complete the following section to calculate the amount of excess food scraps your operation will have the capability to process in 2022. Please stay consistent with units (wet tons or cubic yards). A. Amount of foods scraps projected to be processed in 2021: 400 - 600 Tons B. Amount of foods scraps projected to be processed in 2022: 400 - 600 Tons \* Note: You will not be required to process this quantity of material, these estimates will only be used to assist DEC in capacity planning across the state in preparation for the Food Donation and Food Scraps Recycling law effective January 1, 2022. DEC USE ONLY Questions? **Excess Capacity:** 

### **SECTION 13 - CERTIFICATION**

The Owner or Operator must sign, date and submit one completed form with an original signature to the appropriate Regional Office (See attachment for Regional Office addresses and Contacts.)

The Owner or Operator must also submit one copy by email, fax or mail to:

NYS Department of Environmental Conservation Bureau of Waste Reduction and Recycling – Annual Report 625 Broadway – 9<sup>th</sup> Floor Albany, New York 12233-7253

> Phone: 518-402-8706 Fax 518-402-9024

Email address: organicrecycling@dec.ny.gov

I certify, under penalty of law, that the information that will be used to determine compliance with the requirements in Subpart 361-3 of 6 NYCRR Part 361 has been prepared under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that false statement made herein are punishable pursuant to section 210.45 of the penal law.

Signature	02/10/2021 Date
Brian D. Murphy	General Manager
Name (Print)	Title (Print)
bmurphy@noco.co	om
Email	(Print)
2440 Sheridan Drive	Tonawanda
Address	City
New York 14150	<sup>716</sup> 510 <b>4618</b>
State and Zip	Phone Number

ΑΤΊ	FACHMENTS: ONO YES (IF YES, LIST ATTACHMENTS)
•	Temperature Monitoring Data
•	Lab Reports

# New York State Department of Environmental Conservation Division of Materials Management Bureau of Waste Reduction and Recycling

### MATERIAL MANAGEMENT PROGRAM CONTACTS

### **CENTRAL OFFICE**

Bureau of Waste Reduction and Recycling 625 Broadway Albany, NY 12233-7253 Phone: (518) 402-8706

For Submission of Organics Recycling Annual Reports only:

Fax: (518) 402-9024

Email: organicrecycling@dec.ny.gov

#### **REGIONAL OFFICE ADDRESS & LEAD CONTACT PERSON**

### **REGION 1 (Nassau, Suffolk)**

Syed Rahman/David Gibb SUNY @ Stony Brook 50 Circle Road Stony Brook, NY 11790 Phone: (631) 444-0375 SWMFannualreportR1@dec.ny.gov

### REGION 2 (Bronx, Kings, New York, Queens, Richmond)

Joseph O'Connell 47-40 21st Street Long Island City, NY 11101-5407 Phone: (718) 482-4896 SWMFannualreportR2@dec.ny.gov

## REGION 3 (Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster, Westchester)

James Lansing 21 South Putt Corners Road New Paltz, NY 12561 Phone: (845) 256-3123 SWMFannualreportR3@dec.ny.gov

### REGION 4 (Albany, Columbia, Delaware, Greene, Montgomery, Otsego, Rensselaer, Schenectady, Schoharie)

Victoria Schmitt 1130 North Westcott Road Schenectady, NY 12306 Phone: (518) 357-2243 SWMFannualreportR4@dec.ny.gov

## REGION 5 (Clinton, Essex, Franklin, Fulton, Hamilton, Saratoga, Warren, Washington)

Jessie Sangster 1115 State Route 86, PO Box 296 Ray Brook, NY 12977 Phone: (518) 897-1266 SWMFannualreportR5@dec.ny.gov

### REGION 6 (Herkimer, Jefferson, Lewis, Oneida, St. Lawrence)

Gary McCullouch 317 Washington Street Watertown, NY 13601 Phone: (315) 785-2513 SWMFannualreportR6@dec.ny.gov

### REGION 7 (Broome, Cayuga, Chenango, Cortland, Madison, Onondaga, Oswego, Tioga, Tompkins)

Thomas Annal 615 Erie Boulevard West Syracuse, NY 13204 Phone: (315) 426-7419 SWMFannualreportR7@dec.ny.gov

### REGION 8 (Chemung, Genesee, Livingston, Monroe, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne, Yates)

Greg MacLean 6274 East Avon-Lima Road Avon, NY 14414 Phone: (585) 226-5411 SWMFannualreportR8@dec.ny.gov

### REGION 9 (Allegany, Cattaraugus, Chautauqua, Erie, Niagara, Wyoming)

Peter Grasso 270 Michigan Avenue Buffalo, NY 14203 Phone: (716) 851-7220 SWMFannualreportR9@dec.ny.gov

September 2020



1087 Jamison Road NW
Washingon Court House, OH 43160-8748

www.spectrumanalytic.com

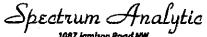
	SRQ OF BUFFALO
	254 FENTON
	BUFFALO, NY 14205

Prepared	For
BRC	

Sample Information	n .		
Sample	1	Sampled	04-24-2020
Description	COMPOST 1	Tested	04-24-2020
Sample Type	Greenhouse		
Lab Number	FF52896		

### **Certificate of Analysis**

Analysis Guarantee  Soil pH Organic Matter Soluble Salts Carbon to Nitrogen Ratio Carbon Screen 1/2 in	Result Method  8.3  17.01 %  1.17 mmhos/cm  12  9.87 % 3050B, 9060A  10.3 % retained



Washingon Court House, OH 43160-8748

www.spectrumanalytic.com

Prepared For **LAURIE FERRO** 

	SRG OF BUFFALO
<b>美国11</b>	BUFFALO NY 14206
	American de la companya del companya del companya de la companya d

Sample information	n		
Lab Number Sample Manure Type	FF53337 ZOO MANURE Unspecified, Liquid	Sampled Tested	06-24-2020 06-25-2020

# Certificate of Analysis Manure

Analysis	Result	Unit	Nutrients lbs/1000 gal	Available 1st Yr <sup>3</sup> lbs/1000 gal	Nutrients ibs/acre-inch	Available 1st Yr <sup>3</sup> ibs/acre-inch
Organic Matter Moisture Nitrogen, Total Phosphorus [P2O5], Total Potassium [K2O] Carbon to Nitrogen Ratio Iron Carbon pH Soluble Saits	22.66 48.71 .64 .45 .48 21 .75 13.14 8.3 2.06	% % % % % mmhos/	55.7 39.1 41.8	_ 2 _ 1 _ 1	1440 1010 1080	_ 2 _ 1 _ 1

<sup>(1)</sup> Estimates of 1st year nutrient availability are unavailable if menure type is not specified.
(2) Estimates of 1st year nutrient availability of "Total Nitrogen" are unavailable if no "Ammonium Nitrogen" test is run.
(3) Estimates of 1st year nutrient availability do not take into consideration losses in handling and storage prior to incorporation. Nutrient Management Plan guidelines use 100% availability the 1st year for phosphorus and potassium. Actual 1st year availability varies from 40-30% depending on manure type, soil temperature, moisture and other factors. When using manure credits in fertility programs other than NMP, consult state publications, MWP-18, "Livestock Waste Facilities Handbook" or Spectrum Analytic for more specific 1st year availability percentation.
(4) Source: MWP-18, "Livestock Waste Facilities Handbook" (5) Source: A3411, "Manure Nutrient Credit Worksheet", University, California (1) Programs of the contraction of the



1 1087 Jamison Road NW Washingon Court House, OH 43160-8748

www.spectrumanalytic.com



Prepared For	Sample Informatio	n	a decidence de la companya de la co	
BRC	Sample Description Sample Type Lab Number	2 COMPOST 2 Greenhouse FF52897	Sampled Tested	04-24-2020 04-24-2020

### **Certificate of Analysis**

Analysis Guarantee	Result Method
Soil pH	8.2
Organic Matter	31.22 %
Soluble Salts	0.95 mmhos/cm
Carbon to Nitrogen Ratio Carbon	21.6 18.11 % 3050B, 9060A
Screen 1/2 in	27.3 % retained
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2020-1

Date

10/15/2019

1/25/2020

2/15/2020

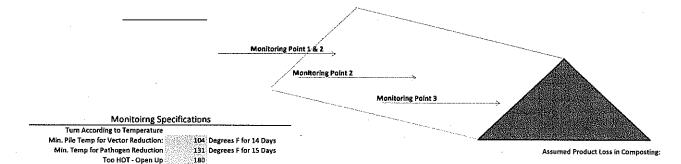
3/20/2020

8/29/2020 Screened

Location

### Windrow Monitoring Data

Date Created: 10/15/2019



Monitoring	Point 1	co

o	comsonaucca						
Date:	12/2/2019 1/6/2020	1/17/2020 1/28/2020	2/25/2020 3/9/2020 3/15/2020	0 3/25/2020 4/20/2020 5/	18/2020 6/25/2020 7/16/2020 8/5/20	20	٦
3' Temperature:	128 141	144 110	92 122 148	8 123 138	150 145 135 1	44	1

#### Monitoring Point 2

Turn Number

3

Date: 12/2/2019 1/6/2020 1/17/2020 1/28/2020 2/25/20	[2020] 3/9/2020] 3/15/2020] 3/25/2020] 4/20/2020] 5/18/2020] 6/25/2020] 7/16/2020] 8/5/2020] 1/0/1900] 1/0
3' Temperature: 144 143 145 122 1	133 153 148 124 146 151 150 132 144

#### Monitoring Point 3

Date: 12/2/2019 1/6/2020 1/17/2020 1/28/2020	2/25/2020 3/9/2020 3/15/2020 3/25/2020 4/20/2020 5/18/2020 6/25/2020 7/16/2020	8/5/2020 1/0/1900 1/0/1900 1/0/1900 1/0/1900 1/0/1900 1/0/1900 1/0/1900
3' Temperature: 141 146 156 110	98 122 152 141 143 144 143 143	145

#### Monitoring Point 4

Date:	12/2/2019	1/6/2020	1/17/2020	1/28/2020	2/25/2020	3/9/2020	3/15/2020	3/25/2020 4/20	2020 5/18/2020	6/25/2020	7/16/2020	8/5/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1/0/1	00 1/0/1900
3' Temperature:	143	149	139	110	121	131		2602	140	135	144				Ī			

Notes: 1/6/2020 Stable - turn

1/28/2020 Turn

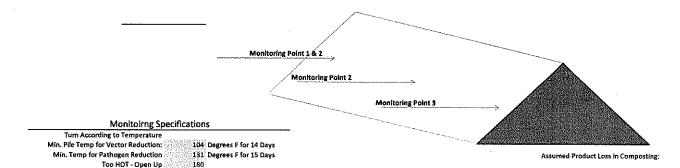
2/2S/2020 Unstabler

4/20/2020 Good internal fungl growth throughout 8/5/2020 Good consistent temps - Finished

2020-2

### Windrow Monitoring Data

Date Created: 10/15/2019



Turn Number	Date	Location
1	10/15/2019	
2	1/25/2020	
3	3/2/2020	
4	4/23/2020	
5	8/29/2020	Screened
. 6		
7		

Monitoring Point 1 consolidated

Date: 12/2/2019 1/6/2020 1/17/2020 1/28/2020 2/25/2020 3/9/2020 3/15/2020 3/25/2020 4/20/2020 5/18/2020 6/25/2020 7/16/2020 8/5/2020

3 Temperature, parameter 143 (15 per 153)	145 145 145 145	5-200-0133 [CE342027144 [AB-00004-130]	
	•	•	
Monitoring Point 2			
			T

Oate:	12/2/2019	1/6/2020	1/17/2020	1/28/2020	2/25/2020	3/9/2020	3/15/2020	3/25/2020	4/20/2020	5/18/2020	6/25/2020	7/16/2020	8/5/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1/	0/1900 1/0/19	0 1/0/1900 .
3' Temperature:	120	140	140	140	97	155	144	131	144	142	155	141	160						

MOUNTONING FORITS																			
Date:	12/2/2019	1/6/2020	1/17/2020	1/28/2020	2/25/2020	3/9/2020	3/15/2020	3/25/2020	4/20/2020	5/18/2020	6/25/2020	7/16/2020	8/5/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1	1/0/1900 1/0/190	0 1/0/1900
3' Temperature:	122	144	134	121	140	133	159	150	142	142	155		156	2,2,7542	1,0,1500	1/0/1300	1,0,2500 1	7071300 1707130	2 1/0/1500
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Monitoring Point 4																			
Date:	12/2/2019	1/6/2020	1/17/2020	1/28/2020	2/25/2020	3/9/2020	3/15/2020	3/25/2020	4/20/2020	5/18/2020	6/25/2020	7/16/2020	8/5/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1/0/	900 1/0/1900	1/0/1900
3' Temperature:		(XXXXX141	151	152	140	131			144	133	155		150						

Notes: 1/6/2020 Stable - turn

1/28/2020 Turn

2/25/2020 Unstable - Turn

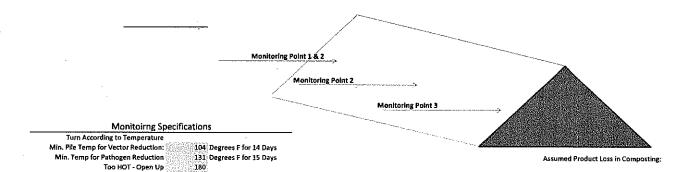
6/25/2020 Have never seen all the same temps - very stable.

8/5/2020 looks good and decomposted - finished

2020-3

### Windrow Monitoring Data

Date Created: 10/15/2019



Turn Number	Date	Location
1	10/15/2019	
2	2/15/2020	
3	4/23/2020	
4	8/15/2020	
5	8/29/2020	Screened
6		
7		

Monitoring Point 1

	Date: 12/	/2/2019 1/6/2020	1/17/2020	1/28/2020	3/9/2020	3/15/2020	3/25/2020	4/20/2020	5/18/2020	6/25/2020	7/16/2020	8/19/2020	9/11/2020		Т		$\neg$
1	Date. 12/	2/2019 1/0/2020	1/1//2020	1/28/2020	3/3/2020	3/13/20201	3/23/2020	4/20/2020	3/10/2020	0/23/2020	//10/2020	6/15/2020	3/11/2020	 l		1	 - 1
	3' Temperature:	130	142	A 176	143	165	164	144	双点数数据含 <b>1.3</b> C	120	V6000054151	A 141	110	 1			_
- 1	a remperatore, ignore,	Share and a Laurence star and a	1972 10 20 20 20 20 20 20	SAN COMPOSITION AND A	10 to	P35 - 15 - 15 - 15 - 15 - 15 - 15 - 15 -	. 17 7 19 10 10 10 10 10	at king tip syndiger (	A. 1000000 O Low Co.	71.0	7. C. C. C. C. C. C. T. T. T.	Court of the Court of Table 1	710	1 8	 . 1	4 1	 - 1

Monitoring Point 2

- 1	D-4	12/2/2019	1/6/2020	1/17/2020	1/28/2020	3/9/2020	3 (10 /2020)	3/25/2020	4/20/20201	5/18/2020	cincinana!	77 12 5 (25.22)	9/10/2020	0/3 - 1000-	. (0 () 00 )	- 1- 1 1					
- 1	Date:	12/2/20191	1/0/20201	1/1//2020	1/20/20208	3/9/2020	3/15/2020	3/25/2020	4/20/20201	5/18/2020]	6/25/2020	7/16/2020	8/19/20201	9/11/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	. 1/0/19001	. 1/0/19001 1	./0/19001
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	3' Temperature:	1401	138	144	176	172	170	the of the first of the second second	150	01000930001 1c	143	CONTRACTOR OF THE	Cold School and College and	DOMESTIC STREET							$\overline{}$
1	3' Temperature:	- CAMPENDER (0.1401)	1301		12/12/14/14/14/14/14	7.7. S. S. T.	1/0	171	1501	1261	1431	150	150	118	II.	1	l l				. 1

Monitoring Point 3

Oate:	12/2/2019	1/6/2020	1/17/2020	1/28/2020	3/9/2020	3/15/2020	3/25/2020	4/20/2020	5/18/2020	6/25/2020	7/16/2020	8/19/2020	9/11/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1	/0/1900
3' Temperature:	126	149	133	168	170	177	170	153	127	142	155	152	118							$\neg$

Monitoring Point 4

Date:	12/2/2019	1/6/2020	1/17/2020	1/28/2020	3/9/2020	3/15/2020	3/25/2020	4/20/2020	5/18/2020	6/25/2020	7/16/2020	8/19/2020	9/11/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1/0/190	ю. Пос
3' Temperature:	126	118	145	184	176	360			140	140	150	144	127							П

Monitoring Point 5

Date:	12/2/2019	1/6/2020	1/17/2020	1/28/2020	3/9/2020	3/15/2020	3/25/2020	4/20/2020	5/18/2020	6/25/2020	7/16/2020	8/19/2020	9/11/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1	/0/1900
3' Temperature:										144										

Notes: 1/6/2020 turn in 3 days

1/28/2020 turn - hot 3/9/2020 Hot!

4/20/2020 Homogenous - good mycelia and mushrooms

7/16/2020 Turn

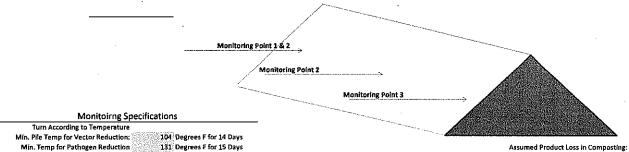
8/19/2020 White cap fungi fruits - Good - finished

9/11/2020 Cured - Ready - Finished

2020-4

### **Windrow Monitoring Data**

Date Created: 10/15/2019



Turn Number	Date	Location
1	10/15/2019	
2	2/15/2020	
3	4/23/2020	
4	8/15/2020	
5	8/29/2020	Screened
6		
7		, and the second

Min. Temp for Pathogen Reduction 131 Degrees F for 15 Days Too HOT - Open Up 180

Monitoring Point 1

	· · · · · · · · · · · · · · · · · · ·																 
	D++ 42/2/2010	1/6/2020	1/17/2020	1/28/2020	2/25/2020	3/9/2020	3/15/2020	3/25/2020	4/20/2020	5/18/2020	7/16/2020	8/5/2020	8/19/2020			i 1	 1
	Date: 12/2/2019	1/6/2020	1/1//2020	1/28/2020	2/25/2020	3/9/2020  3	3/13/2020	3/23/2020	4/20/20201	3/18/2020	//10/2020	8/3/2020	0/15/20201			, ,	 i
_		2.2.2.2.2.		and the first terminal and an arranged to	Market Sun Service								1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	 		$\overline{}$	 
	3' Temperature: 114	3 152	171	164	1511	120	150	148	148	132	141	158	138			. 1	 i '
	o formperatured approximation			True garden, region, sales and a		17 I	quart, and each				27 10 person - 10	,			 L		 

**Monitoring Point 2** 

Date: 12/2/2019 1/6/2020 1/17	2020 1/28/202 <b>0</b> 2/25	5/2020 3/9/2020 3/15/2020	3/25/2020 4/20/2020 5/18/2020	7/16/2020 8/5/2020 8/19/2020	1/0/1900 1/0/1900	1/0/1900	1/0/1900 1/0/1900 1/0/1900 1,	1/0/1900
3' Temperature: 120 166	177 160	129 144 147	161 147 132	143 143 138				

Monitoring Point 3

Date:	12/2/2019	1/6/2020	1/17/2020	1/28/2020	2/25/2020	3/9/2020	3/15/2020	3/25/2020	4/20/2020	5/18/2020	7/16/2020	8/5/2020	8/19/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1/0/1900	1/0/1900	1/0/1900
3' Temperature:	120	171	165	170	110	110	148	136	158	144	144	163	141						

Monitoring Paint 4

	MOUNTOINE FORIT 4																
Г	Date: 12/2/2019 1/6/2020	1/17/2020	1/28/2020 2/25/2020	3/9/2020	3/15/2020	3/25/2020	4/20/2020	5/18/2020	7/16/2020	8/5/2020	8/19/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1/0/1900
L	Date: 12/2/2013 1/0/2020	1/1/2020	1/20/2020 2/20/2020	2/3/2020	21 121 2020	3/23/2020	4,20,2020	37 207 2020	771072020	37572520	0/15/2020	1,0,1500	170723001	17471304	1,0,1500	2101100	1/0/1300 1/0/2300
	3' Temperature: 126 179	170	168 143						140		143						

Notes: 1/6/2020 Hot - Turn

1/17/2020 Turn in 4 days

1/28/2020 Turn

2/25/2020 Good odor. Some blue cap fungi

4/20/2020 Good mycelia and mushrooms

7/16/2020 Consistent

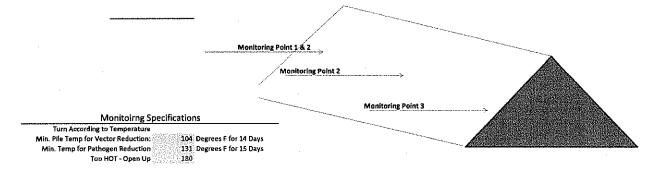
8/5/2020 Turn

8/19/2020 Good sign after turning and maturing - Finished

2020-5

### Windrow Monitoring Data

Date Created: 1/6/2020



Turn Number	Date	Location
1	4/23/2020	
2	8/15/2020	
3	8/29/2020	Screened
4		
5		

Monitoring Point 1

	Alather the Louis T										 	 	 		
Γ	Date: 1/17/2	2020 1/28/2020	3/9/2020	3/15/2020 4/2	20/2020	5/18/2020 6/25	5/2020 8/	19/2020	9/2/2020	9/11/2020					
Ţ	3' Temperature:	161	158	124	162	144	133 445	157	13D	132					

14	itorine	Daine	•

Trioting : ante z																
Date: 1/17/2020 1/28/201	0 3/9/2020	3/15/2020 4/20	0/2020 5/18/2020	6/25/2020 8/1	9/2020 9/2/2020	9/11/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900
3' Temperature: 155	3 83	121	159 154	134	159 131	134										

#### Monitoring Point 3

Date: 1/17/2020 1/28/2020	3/9/2020 3/15/2020	4/20/2020 5/18/2020	6/25/2020 8/19/2020	9/2/2020 9/11/2020	1/0/1900	1/0/1900 1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1/0/1900	1/0/1900 1/0/1900
Date: 1/17/2020 1/28/2020	3/3/2020 3/13/2020	4/20/2020  5/18/2020	0/23/2020  0/13/2020	3/2/2020 3/11/2020	1/0/1300	1/0/1900 1/0/1900	1/0/13001	1/0/15001	1/0/1300	1/0/12001 1/0/12001	1100113001 170713001
3' Temperature: 144 145	93 161	136 160	A CONTRACTOR OF THE PROPERTY OF THE PARTY OF	132 138		1		- 1		,	
3' Temperature: 144 145	93 3 3 3 3 3 3 1 5 1	12 Carrier 120   1 1 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CONTROL OF TOTAL CONTROL OF TOTAL	ASSESSMENT 25 100 DEC 1997 TOOL		1	- 1	5	I		

### Monitoring Point 4

	MOUNTO IN BILOUIT -																				
- [	Date:	1/17/2020	1/28/2020	3/9/2020	3/15/2020	4/20/2020	5/18/2020	6/25/2020	8/19/2020	9/2/2020 9	9/11/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1,	/0/1900 1	/0/1900
ı	3' Temperature:	167	145	79	158		151	147		980	138										

MOUNTOINE LOUIT 2																				
Date:	1/17/2020	1/28/2020	3/9/2020	3/15/2020	4/20/2020	5/18/2020	6/25/2020	8/19/2020	9/2/2020	9/11/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900
3' Temperature:	1	T.		168																

Notes: 1/28/2020 Turn - food odor

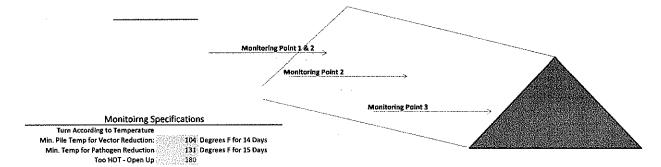
4/20/2020 Turn - good mycelia and mushrooms 9/2/2020 Good consistency after screening 9/11/2020 Cured / finished / Ready

**Windrow Monitoring Data** 

Pile ID:

2020-6

Date Created: 3/5/2020



Turn Number	Date	Location
1	4/23/2020	
2	7/16/2020	
3	8/29/2020	Screened
4	10/20/2020	
5		

Monitoring Point 1	7/16/2020 Consolidated Piles	2 -smaller pites	•		
Date: 3/25/2020	4/20/2020 5/18/2020 8/19/2020 9/2/2020 9/11/20	20 9/25/2020 10/9/2020 11/2/2020 11/20/2020 12/6/2020 12/18/2020			
3' Temperature: 3155	158 120 159 140 1	10 140 172 162 155 122 123		1	

Monitoring Point 2																		
Date:	3/25/2020	4/20/2020	5/18/2020	8/19/2020	9/2/2020	9/11/2020	9/25/2020	10/9/2020	11/2/2020 11/20/2020	12/6/2020 12/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900
3' Temperature:	158	130	130	152	141	132	141	171	168 152	131 121				-				

	Monitoring Point 3																			
ſ	Date:	3/25/2020	4/20/2020	5/18/2020	8/19/2020	9/2/2020	9/11/2020	9/25/2020	10/9/2020	11/2/2020 11/	20/2020	12/6/2020 12/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900
ľ	3' Temperature:	158	146	132	158	144	152	140	178			125 131				1				

Monitoring Point 4																				_
Date:	3/25/2020	4/20/2020	5/18/2020	8/19/2020		9/11/2020	9/25/2020	10/9/2020	11/2/2020	11/20/2020	12/6/2020	12/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1/0/190	j]
3' Temperature:		128			144	150	140	171	A 155	159	139	130								1

Monitoring Point 5																			
Date:	3/25/2020	4/20/2020	5/18/2020	8/19/2020	9/2/2020	9/11/2020	9/25/2020	10/9/2020	11/2/2020 11/20/2020	12/6/2020	12/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1	/0/1900 1/0/1	900
3' Temperature:			""						169									i	

Monitoring Point 6																				
. Date:	3/25/2020	4/20/2020	5/18/2020	8/19/2020	9/2/2020	9/11/2020	9/25/2020	10/9/2020	11/2/2020 11/20/2020	12/6/2020	12/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	
3' Temperature:									150							- 1				

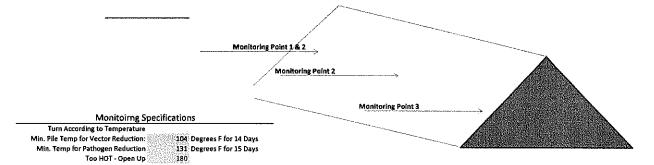
Notes: 4/20/2020 Turn - good mushrooms and odor 5/18/2020 Looks good 9/2/2020 Good consistency after screening 9/25/2020 Good consistency

10/9/2020 Too hot - turn asap 12/18/2020 Mature Pile - Finished

2020-7

Windrow Monitoring Data

Date Created: 3/5/2020



Turn Number	Date	Location
1	4/23/2020	
2	7/16/2020	
3	9/5/2020	
4	12/15/2020	
5		

Monitoring Point 1 7-16-20 - Consolidated piles smaller piles Date: 3/25/2020 4/20/2020 5/18/1950 8/19/2020 9/2/2020 9/11/2020 9/25/2020 10/9/2020 11/2/2020 11/20/2020 12/6/2020 12/18/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020 13/8/2020

Monitoring Point 2																
Date:	3/25/2020	4/20/2020	5/18/1950	8/19/2020	9/2/2020	9/11/2020	9/25/2020	10/9/2020	11/2/2020 11/20/2020	12/6/2020 12/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1/0/1900	1/0/1900 1/0/1900
3' Temperature:	158	121	124	3035005570141	144	140	154	150	154 156	171			1			

Monitoring Point 3																		
	3/25/2020	4/20/2020	5/18/1950	8/19/2020	9/2/2020	9/11/2020	9/25/2020	10/9/2020	11/2/2020 11/20/2020	12/6/2020 12/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900
3' Temperature:	145	123	151	147	144	140	152	163	168 160	174					İ		1	

Monitoring Point 4																
Date:	3/25/2020	4/20/2020	5/18/1950	8/19/2020	9/2/2020	9/11/2020	9/25/2020	10/9/2020	11/2/2020	11/20/2020	12/6/2020 12/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1/0/1900 1/0/1900 1/0/1900
3' Temperature:		129		149	148	140	152	166	157	160	114		-			

	Monitoring Point 5																		
	Date:	3/25/2020	4/20/2020	5/18/1950	8/19/2020	9/2/2020	9/11/2020	9/25/2020	10/9/2020	11/2/2020 11/20/2	020 1	12/6/2020 12/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1/0/	1900 1/0/1900	1/0/1900
J	3' Temperature:											118				[			

Monitoring Point 6																				
Date	3/25/2020	4/20/2020	5/18/1950	8/19/2020	9/2/2020	9/11/2020	9/25/2020	10/9/2020	11/2/2020 1	1/20/2020	12/6/2020	12/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900
3' Temperature							·					121				-				

Notes: 4/20/2020 Turn

5/18/2020 Looks Good

9/2/2020 Very good hyphai strands and fungi evident on outside. Very good

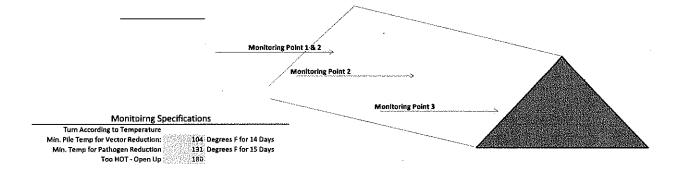
12/6/2020 Turn

Windrow Monitoring Data

Pile ID:

2020-8

Date Created: 8/5/2020



Turn Number	Date	Location
1	9/15/2020	
2	10/20/2020	
3		
4		
5		

Monitoring Point 1

	11/2/2020 11/20/2020 12/6/2020				
Date: 9/2/2020 9/11/2020 9/25/2020 10/9/2020	11/2/2020  11/20/2020  12/6/2020	12/18/2020	1 1 1	t I	 I .
3' Temperature: 176 140 150 164	135 145 150	191			

Monitoring Point 2																				
Date	9/2/2020	9/11/2020	9/25/2020	10/9/2020	11/2/2020	11/20/2020	12/6/2020 12/	18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900
2º Tamparatur	- Buddelings	306701 State # ###	SECRETARIA A	Store WASHINGTON	consectors (4.00 to	08003680424	SECRETARIAN ASSE	030003457											1	

1	Monitoring Point	:3																			
		Date:	9/2/2020	9/11/2020	9/25/2020	10/9/2020		11/20/2020	12/6/2020 12/18/20	20 1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900
	3' Temper	ature:	166	160	142	155	141	132	133	51							į				

Monitoring Point 4																				
Date:	9/2/2020	9/11/2020	9/25/2020	10/9/2020	11/2/2020	11/20/2020	12/6/2020 12	2/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900
3' Temperature:	181		145	159	145	166	83	138												

Notes: 9/11/2020 Recommend turn asap

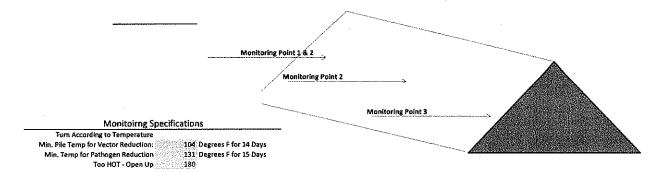
9/25/2020 Turn 10/9/2020 Turn 12/5/2020 Turn 12/18/2020 Turn

Windrow Monitoring Data

Pile ID:

2020-9

Date Created: 9/5/2020



 Turn Number
 Date
 Location

 1
 9/27/2020

 2
 12/15/2020

 3
 4

 5
 5

Monitoring Point 1

Date: 9/11/2020 9/25/2020 11/2/2020 11/20/2020	12/6/2020 12/18/2020						 	
3' Temperature: 138 145 154 162	143 141					i		i

Monitoring Point 2

Date:	9/11/2020	9/25/2020	11/2/2020	11/20/2020	12/6/2020	12/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900 1	1/0/1900
3' Temperature:	136	157	154	144	172	163					1						······			

Monitoring Point 3

Date: 9/11/2020 9/25/2020 11/2/2020 11/	0/2020 12/6/2020 12/18/2020	1/0/1900 1/0/190	1/0/1900	1/0/1900 1/0/1900	1/0/1900 1/0/1900	1/0/1900	1/0/1900 1	1/0/1900 1/0/1900	1/0/1900 1/0/190	0 1/0/1900
3' Temperature: 160 132 171	160 172 170	)								

Monitoring Point 4

momenting rount i																	
Date: 9/11/20	120 9/25/2020 11/2/202		12/6/2020 12/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900
3' Temperature:	132	2 139	170					1									

Notes: 9/25/2020 Turn

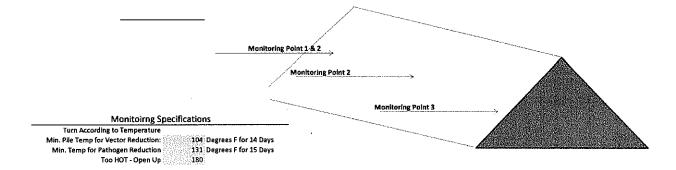
12/6/2020 Turn - too hot too long

12/18/2020 Turn

2020-10

### Windrow Monitoring Data

Date Created: 9/20/2020



Turn Number	Date	Location
1		
2		
3		
4		
5		
		L

Monitoring Point 1

Date: 9/25/2020 10/9/2020 11/2,	/2020 11/20/2020 12/6/2020 12/18/20	10						
3' Temperature: 119 111	102 127 126 1	5						

Monitoring Point 2

Date: 9/25/2020 10/9/2020 11/2/2020	11/20/2020 12/6/2020 12/18/2020	1/0/1900 1/0/1	00 1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900
3' Temperature: 118 110 146	131 117 123													

Monitoring Point 3

Date: 9/25/2020 10/9/2020	11/2/2020	11/20/2020	12/6/2020 12/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900
3' Temperature: 135 134	111	131	119 130														

Monitoring Point 4

WOUNG FORK 4																
Date: 9/25/2020 10/9/2020	11/2/2020 11/20/2	20 12/6/2020 12/18/2020	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900	1/0/1900
3' Temperature: 147 122	144	112														

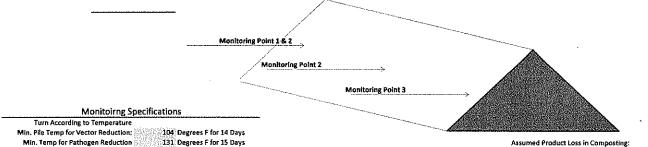
Notes: 10/9/2020 Not ready to monitor yet - may need to mix

12/6/2020 Turn

Windrow Monitoring Data

Pile ID: **ZOO - Not Compost** 

Date Created:



Date	Location
	Date

Min. Temp for Pathogen Reduction 131 Degrees F for 15 Days Too HOT - Open Up

Μo	nito	ıring	Poin	t 1

INDIACON B TONIE I			
Date: 1/6/2020 1/17/2020 1/28/2020 3/25/2020	)-L 4-20-20-L 5-18-20-L 6/25/2	/2020 7/16/2020 8/5/2020 8/19/2020 9/2/2020 9/25	/2020 10/9/2020 11/20/2020 12/18/2020
3' Temperature: 155 117 122	80 / 117 120	129 120 128 125 126	123 122 140 130

Monitoring Point 2

Date: 1/6/2020 1/17/2020 1/28/2020	3/25/2020 - L 4-20-20 - L 5-18-20 - L 6/25/202	7/16/2020 8/5/2020 8/19/2020 9/2/2020 9/25/20	20 10/9/2020 11/20/2020 12/18/2020 1/0/1900	1/0/1900 1/0/1900 1/0/1900 1/0/1900
3' Temperature: 148 121 115	90 110 115 13	14 128 120 125 121 1	28 120 140 125	

Monitoring Point 3

Date:	1/6/2020 1	/17/2020	1/28/2020	3/25/2020 - L	4-20-20 - L	5-18-20 - L	6/25/2020	7/16/2020	8/5/2020	8/19/2020	9/2/2020	9/25/2020	10/9/2020	11/20/2020	12/18/2020	1/0/1900	1/0/1900	1/0/1900 1/0/	1900 1/0/1900
3' Temperature:	<b>68</b>	120	152	80	110	112			133	129	130		120		132				

Notes: 1/17/2020 Turn

1/28/2020 Turn

6/25/2020 Turn zoo pile - back end

7/16/2020 Will do a seed germination test

8/5/2020 Mix