

**COMPLIANCE MONITORING
 AND EVALUATION FORM
 CASE PACKAGE**



A. GENERAL INFORMATION

FIST SEQ #: 77288

Facility Name (current) RIVER FALLS LOCUST STREET COMPOST SITE			FID # 648057190	EPA ID #	Case # 77288	Complaint #
Street/Location 901 W LOCUST ST			Notification Status SW YARD WASTE COMPOSTING <20,000 CU YD			
City RIVER FALLS	Zip Code 54022-2200	County PIERCE	Type of Contact FIELD		Contact Date/Time 07/10/2024 00:00	
Contact Name/Phone Number ERICA ELLEFSON, PUBLIC WORKS MNGF (715) 426-3406			Staff Assigned to Site CARLSON, KELLY		Case Close Out Date 07/16/2024	

B. FACILITY INSPECTED AS

Inspection Type
 SW YARD WASTE COMPOSTING <20,000 CU YD

C. NOTIFICATION CHANGE

Date processed SHWIMS _____, EPA Data System _____

Status Change: Field Verified Status Is

Name Change: Former Name

D. ACTIVITY TYPES

Lic/RU/RA	Staff Person	Lead Program	Activity Type
4075	CARLSON, KELLY E	RECYCLING	COMPOSTING
4075	GERMER, ROBERT J	RECYCLING	ASSIST LEAD STAFF

E. ACTIONS AND VIOLATIONS

Action Date	Action Type	Close Date	SNC	Comments
07/10/2024	NO ACTION	07/16/2024		

F. CASE CONTACTS

G. COMMENTS

77288 RIVER FALLS LOCUST STREET COMPOST SITE 07/10/2024 00:00

Waste Management Specialists Kelly Carlson and Bob Germer met on site with Erica Ellefson (Public Works Manager), Todd Nickleski (City Engineer), and Kevin Westhuis (Utility Director) on July 10, 2024. The inspection was prompted by a complaint from a neighbor regarding odors on site and storm water concerns leaking into the Kinnikinnic River.

At the time of inspection, no odors were detected. Erica noted that no abnormal odors are usually detected unless the grinder is actively working the pile once per year. Previous to the time of inspection, Michelle Asher (DNR Storm Water Specialist) did an on-site inspection and determined that no storm water runoff was entering the Kinnikinnic River partly due to the sites berms protecting the River.

The City has a large wood waste pile that appeared to be clean waste as well as the compost pile. Wood is ground by Sylvester Custom Grinding a few times per year and added to the compost pile or sold for biomass fuel. The compost is sold by a third party at the end of the year. There is a small pile available for city residents, however, most is sold. The City has been proactive in stopping illegal dumping with the installation of cameras, a locked gate, vehicle height restrictions, and a managed flow of traffic on site. Carlson and Germer found the site to be in compliance with rules and regulations and found staff to be proactive with site management.

CARLSON, KELLY

COMPOST FACILITY INSPECTION FORM - LESS THAN 20,000 CY YARD RESIDUAL MATERIALS

This inspection form, used for NR 502.12(6), Wis. Adm. Code composting facilities, evaluates compliance with facility operating, design and record keeping requirements

Section 1: Minimum Facility Requirements

<p>A. Facility accepts only yard residuals and clean chipped wood (raw materials) in quantities that do not exceed 20,000 cubic yards at any time.</p> <p>Note: This includes materials stored as raw materials and within the composting processes but does not include stockpiled finished compost.</p>	<p>C 502.12(6)</p>
<p>B. Facility complies with NR 502.04(1) performance standards and (3)(a) and (b) closure requirements.</p>	<p>C 502.12(6)(a)</p>
<p>C. Expanded facilities comply with NR 502.12 (8) locational criteria.</p> <p>Note: Expansions that exceed 1,000 cubic yards also must comply with NR 502.04(2) initial site inspection requirements.</p>	<p>NA 502.12(6)(b)</p>
<p>D. Facility has obtained an operating license from the department.</p>	<p>C 502.12(6)(d)</p>
<p>E. Processed compost is applied using accepted horticultural, landscaping or erosion control practices.</p> <p>Excess wood waste that is piled is chipped by an external tub grinder a few times per year (Sylvester Custom Grinding). They work again with an external provider that takes the finished compost off of the site. This year was the first year RF had services clean out their compost pile, leaving a bit for residents who asked for finished compost.</p>	<p>C 502.12(6)(e)</p>

Section 2: Composting Facility Operation Requirements

<p>A. Raw materials are received source separated so that they have not been contaminated with non-approved waste types, particularly materials that are not readily biodegradable.</p>	<p>C 502.12(10)(a)</p>
<p>B. Raw materials are sorted prior to adding to the composting process, to ensure non-biodegradable materials are removed unless equipment is used to produce a clean compost product.</p>	<p>C 502.12(10)(a)</p>
<p>C. Raw materials received in non-compostable bags are debagged within 24 hours of receipt at the facility.</p> <p>Note: materials in compostable bags need to be exposed to air within 24 hours.</p>	<p>C 502.12(10)(b)</p>
<p>D. Grass clippings are incorporated within 72 hours of receipt.</p> <p>Note: If odor becomes a problem these raw materials shall be incorporated within 24 hours.</p>	<p>C 502.12(10)(b)1</p>
<p>E. Compost raw materials are size reduced if necessary for effective composting.</p>	<p>C 502.12(10)(c)</p>
<p>F. Windrow height, structure and porosity are maintained to ensure adequate oxygen levels at all times.</p> <p>Note: To maintain aerobic conditions and prevent odors, aeration is needed if temperatures rise over 150° F.</p> <p>The yard waste collected durin the year is maintained in a large pile at the north end of the property. The storage site is located in a portion of the property that has a lower elevation. The material will passively compost. The pile is managed by being pushed up and packed in together.</p>	<p>C 502.12(10)(d)</p>
<p>G. The composting process has an initial carbon to nitrogen ratio of 20:1</p> <p>Note: For aerobic composting the optimal C:N range is 20:1 to 40:1.</p>	<p>NI 502.12(10)(e)</p>
<p>H. Windrow size and spacing are compatible with the equipment used at the facility.</p>	<p>C 502.12(10)(f)</p>
<p>I. Compost is wetted to maintain a moisture content conducive to efficient composting.</p> <p>Note: Moisture ranges of 50-60% are recommended. Field "squeeze" tests within this range typically will feel damp but will expel only a few drops of water.</p>	<p>C 502.12(10)(g)</p>
<p>J. Processed materials are stabilized to reduce pathogenic organisms and to ensure that the materials do not reheat upon standing.</p> <p>No finished compost on site at time of inspection.</p>	<p>NA 502.12(10)(h)1</p>

Key : C or EV: Evaluated - no noncompliance detected at the time of inspection CA: Compliance with Concern R: Returned to Compliance X or V: Non-Compliance
 Y: Yes N: No UN: Unknown NA: Inspected, Not Applicable NE: Evaluation Determination will be Made at a Later Date NI: Not Inspected Page 1 of 3
 *: Dept. approved alternate may apply No 'box' is an open ended question ND: Inspected, Not Determined Revision: 04/29/2022

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Section 2: Composting Facility Operation Requirements

K. Processed materials are free of sharp particles that could cause personal injury to persons handling the material.	C	502.12(10)(h)2
L. Processed materials are free of toxins which could cause detrimental impacts to public health or the environment.	C	502.12(10)(h)3
M. Processed materials are stored to maintain the quality and prevent excessive stockpiling.	C	502.12(10)(i)
N. The facility is operated in a nuisance-free and environmentally sound manner. The site had a few complaints prior to inspection on odors and storm water runoff. Michelle Asher was on site previously and stated the site was in compliance for storm water. No odors were present on site at time of inspection.	C	502.12(10)(j)

Section 3: Composting Facility Minimum Design Requirements

A. Compost area run-off is discharged to a gently sloping vegetated area to prevent erosion or discernible discharge of liquids or suspended solids to surface waters or wetlands.	C	502.12(11)(a)
B. Slope, vegetation, surface water containment ditches, retention basins, compost berms or socks or other best management practices are used at the facility as needed to minimize erosion, prevent pollutant discharges and maintain diffused surface drainage.	C	502.12(11)(b)
C. Composting performed to prevent ponding water. Berms or ditches used to prevent water run-on.	C	502.12(11)(c)
D. Appropriate storm water control improvements are implemented as soon as possible if deficiencies have been identified during discharge inspections.	C	502.12(11)(d)
E. The overall facility has sufficient room for; all material stockpiles, windrows of manageable size and appropriate equipment to maintain aerobic compost and avoid nuisance conditions.	C	502.12(11)(e)

Section 4: Composting Facility Minimum Monitoring and Reporting Requirements

A. The facility documents and maintains records on turning frequency and temperature measurements to demonstrate pathogen reduction and odor control activities. Facility does not take temperatures as they perform passive composting.	NA	502.12(15)(a)3
B. The facility surface water discharge control features are inspected quarterly for storm water discharge quality and twice per year for non-storm runoff related discharges.	C	502.12(15)(a)4
C. The facility submits the annual quantities and types of materials received and compost produced on the department provided annual license renewal form.	C	502.12(15)(b)

Section 5: Class-A Finished Compost Minimum Monitoring Requirements

A. Does the facility produce a "Class A" finished compost for distribution? (If No, Respond "NA" to 5B-E)	N	Y/N/NA
B. The compost is composed entirely of raw materials meeting the NR 500.03(219m) definition of "source-separated compostable materials".	NA	502.12(16)(a)

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Section 5: Class-A Finished Compost Minimum Monitoring Requirements

C. Pathogen reduction records show daily temperature monitoring to document retention of a minimum 131°F for the time criteria established for the compost method

NA 502.12(16)(b)

Note: In-Vessel compost; maintain continuous minimum temperature for at least 72 hours. Turned -Windrow compost; attain minimum temperature for a period of at least 15 days (days do not need to be consecutive) and turn the windrow at least 5 times within that period. Mechanically Aerated-Static Pile compost; maintain continuous minimum temperature for at least 3 consecutive days.

D. Records are maintained on frequency of testing and test results of finished compost for parameters listed in NR 502.12(15) Table 1 and 2.*

NA 502.12(16)(c)

E. Records show the finished compost does not exceed established NR 502.12(15) Table 1 and 2 limits.

NA 502.12(16)(d)

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CASE PHOTOS

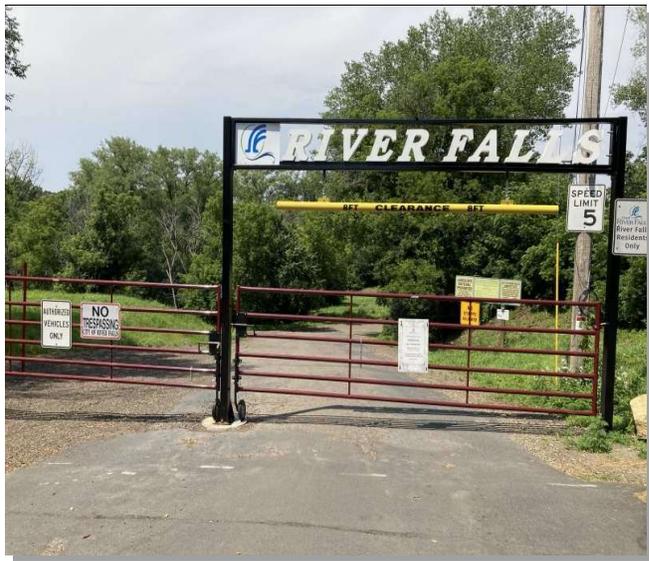
Photo # 105975 Photo 1 of 9

Photo Date & Time 07/10/2024 00:00

Photo Direction W

Photographer GERMER, ROBERT

Photo Description
Photo of the new gate at the entrance. Gate is locked when the site is not open to the public.



CASE PHOTOS

Photo # 105976 Photo 2 of 9

Photo Date & Time 07/10/2024 00:00

Photo Direction W

Photographer GERMER, ROBERT

Photo Description

More signage on gate.



Photo # 105977 Photo 3 of 9

Photo Date & Time 07/10/2024 00:00

Photo Direction W

Photographer GERMER, ROBERT

Photo Description

More signage on gate.



Photo # 105978 Photo 4 of 9

Photo Date & Time 07/10/2024 00:00

Photo Direction W

Photographer GERMER, ROBERT

Photo Description

Description signage behind gate at entrance of facility.



CASE PHOTOS

Photo # 105979 Photo 5 of 9

Photo Date & Time 07/10/2024 00:00

Photo Direction W

Photographer GERMER, ROBERT

Photo Description

Signage on side of building on site.

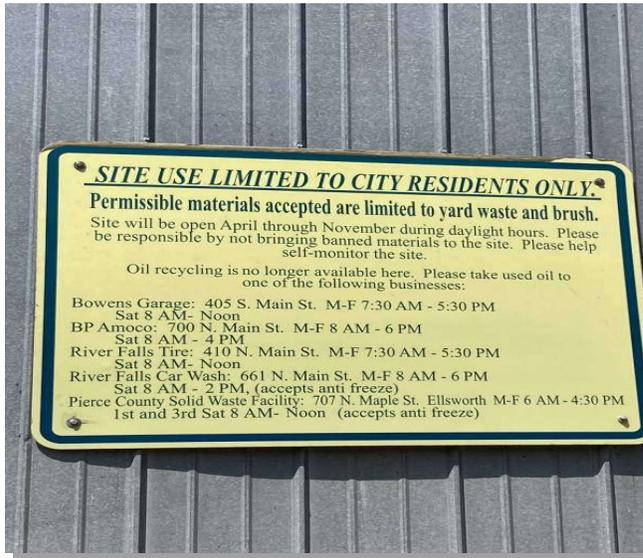


Photo # 105980 Photo 6 of 9

Photo Date & Time 07/10/2024 00:00

Photo Direction NE

Photographer GERMER, ROBERT

Photo Description

Large pile of clean, untreated wood waste. This wood gets grinded/chipped for composting or sold for biomass fuel.



Photo # 105981 Photo 7 of 9

Photo Date & Time 07/10/2024 00:00

Photo Direction E

Photographer GERMER, ROBERT

Photo Description

Additional photo of clean, untreated wood waste.



CASE PHOTOS

Photo # 105982 Photo 8 of 9

Photo Date & Time 07/10/2024 00:00

Photo Direction N

Photographer GERMER, ROBERT

Photo Description

Photo of compost pile looking North. Pile is pushed up and in to maintain the increasing amount. The pile is passive composting and sits while accumulating compost material over time.



Photo # 105983 Photo 9 of 9

Photo Date & Time 07/10/2024 00:00

Photo Direction S

Photographer GERMER, ROBERT

Photo Description

Photo of the back of the pile looking South. Showcasing some gravel, paper bags, grass, and other materials in the pile.

