

Iowa DNR

2022 Statewide Waste Characterization Study

Participation Solicitation

Introduction

DNR is initiating the process to conduct a statewide waste characterization study during summer/fall 2022, and is seeking volunteer MSW landfills to serve as host sites for sampling and sorting of waste received.

All Iowa landfills are encouraged to complete the following questionnaire to indicate interest in volunteering as a host site. DNR is seeking a good representation of MSW disposal facilities across the state. Facility participation selection will be based on such factors as:

- Geographic distribution;
- Landfill diversity in terms of tonnage received, urban/rural service area, etc.;
- Detailed record keeping to facilitate proper load selection; and
- Integrated solid waste programs available in landfill service area

Landfills responding to this invitation to participate may include Iowa generated municipal solid waste received from transfer stations but must provide requested information below.

Waste type to be characterized through sampling and sorting include residential, industrial, commercial and institutional. Construction and demolition debris will be visually sorted. Waste sorting activities will take place over 2 to 5 days depending on the number of samples to be sorted and characterized. Host facilities will receive detailed waste characterization data unique to their facility.

In order to properly assess your site, please complete the following questionnaire directly in the spaces provided and return it to Laurie Rasmus via email at laurie.rasmus@dnr.iowa.gov by **January 14, 2022**.

Please contact Tom Anderson at tom.anderson@dnr.iowa.gov if you have questions about this solicitation or the 2022 statewide waste characterization study.

Thank you for your interest in participating in the
2022 Statewide Waste Characterization Study

2022 Statewide Waste Characterization Study

Host Facility Questionnaire

Host Facility Contact Information

Landfill Name:	Black Hawk County Landfill
DNR field Office Region:	#1
County:	Black Hawk
Address:	1409 E, Washburn Rd.
City, State, Zip	Waterloo, IA 50701
Contact Name:	John Foster
Title:	Administrator
Office Number:	319-234-8115
Cell Phone:	319-210-8860
Email:	jfoster@wastetrac.org
Landfill Service Area Population	215,372
Will field personnel be required to sign a liability waiver to sort at your facility?	The Consultant doing the work will be required to provide proof of insurance with a liability waiver

Host Facility Operational Information

Waste Data	
Total annual quantity of IOWA-GENERATED waste received during fiscal year 2021 (July 1, 2020 through June 30, 2021). Please exclude out of state waste your facility received from this total.	182,466 tons
How is the total annual quantity of Iowa-generated waste reported above distributed among the following waste generating sectors? Either provide tonnage data or percent. Estimates are acceptable. <i>Note: please EXCLUDE waste received from out-of-state sources.</i>	
Residential:	85,639 (non taxed waste sorted by customers whom are known for residential collections minus BHW)
Institutional, Commercial, Industrial (ICI):	67,167 (Taxed waste and BHW total)
Construction/Demolition Debris:	17,991 Recorded as C&D, Cont soil with Debris and asbestos in Waste Works
Other, list/describe:	11,669 industrial Wastes

Haulers	
Please list the major haulers transporting the following types of waste to your facility.	
Residential:	Black Hawk Waste Disposal Public Works-Sanitation Dept Waste Management-Independence Cedar Falls Sanitation Rite Environmental Inc Fayette Co Solid Waste Mang Republic Services City of Waverly Cash Customer
Institutional, Commercial, Industrial (ICI):	Black Hawk Waste Disposal Waste Management-Independence Cedar Falls Sanitation Rite Environmental Inc Fayette Co Solid Waste Mang Republic Services Cash Customer Cooley Sanitation-Cooley Pmpng
Construction/Demolition Debris:	Rite Environmental Inc Blue Sky Disposal Cooley Sanitation-Cooley Pmpng Thomas James Company Lehman Trucking & Excavating

	Robert Castro Construction Inc Bryan Construction Inc E. Castro Roofing and Siding Kluesner Sanitation LLC Waste Management-Independence
Other, list/describe:	Tracked by Generator not hauler

Waste Deliveries	
Please indicate what day(s) of the week waste from the following generating sectors is delivered.	
Residential:	Monday - Saturday
Institutional, Commercial, Industrial (ICI):	Monday - Saturday
Construction/Demolition Debris:	Monday - Saturday
Other, list/describe:	Monday - Saturday
Is C&D waste tipped/disposed at the same location at your facility as regular MSW? If not, please explain.	Yes

Transferred Waste				
Does your facility receive Iowa-generated waste from transfer stations? If yes, please complete the information below:		<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No
Transfer Station Name	County	Contact Name	Contact Information (phone/email)	FY2021 Tonnage Waste Received
City of Cedar Falls	Black Hawk	Doyle Smith	Doyle.Smith@cedarfalls.com (319) 273-8629	12614
Fayette County Transfer Station	Fayette	Joan	joans@iowatelcom.net (563) 425-3037	9504

Service Area Solid Waste Programs	
Please provide a list of integrated solid waste management programs offered in your service area and an approximate percentage of the population served by each program (i.e. drop-off recycling, curbside recycling, regional collection center facility or service, food waste composting).	
Program	Population Served
Drop-off Recycling	131,000 BHC; unknown for others
Curbside Recycling	Unknown

Regional Collection Center	Fayette County, Buchanan County and Bremer County
Food Waste Composting	Minimal private programs
Other (please specify)	
Other (please specify)	
Other (please specify)	

Host Facility Support Needs

Please comment on your facility's ability to provide/meet sort crew needs while onsite characterizing waste. These items are important to completing a safe and efficient waste sort. As needed, DNR and its contractors will work with host facilities to accommodate concerns. Please note that field activities at selected sites will occur for a minimum of two days, but no more than five days. Work is anticipated to take place Monday through Friday during normal operating hours.

A safe work area with a level surface that is at least 20' by 20' for staff to complete the manual sorting of waste.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Please provide additional details on the potential work area (i.e. proximity to working face / enclosed in building or open-air / paved surface / etc.	Work is proposed to be in a hoop building about 800 yards from the working faces on a gravel surface. Depending the timing a house will be available for a break room and restrooms within walking distance from the	
A safe work area where sort personnel can visually inspect loads of construction/demolition debris prior to disposal.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Please provide additional details on the potential work area available at your facility to visually characterize construction/demolition debris?	An area to the side of the working face will be established for the observer to view or we can modify operations to provide a closer look if needed	
May the work crew use your facility restrooms and/or break area (including storing lunch items in a refrigerator)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is there an open-air (i.e. outdoor) area at your facility where up to eight staff can be safe and socially distance to take breaks that is also away from facility operations?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you provide an operator and heavy equipment to transport waste samples from the working face or tipping area to the sorting area? Will be done by contractor	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
May we store waste samples (contained and covered) overnight at the sorting area to facilitate a quick start each morning?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you provide dumpsters or roll-off containers at the sorting location for placement of trash and/or recyclable materials once materials have been characterized?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you appoint a staff person to be the point of contact for the work crew for issues/concerns that might come up during field activities?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is it possible to remain working at your facility after it closes for the day?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Health and safety is the number one priority for this project. Included will be a daily safety briefing to start each day. Will onsite field personnel for this project be required to receive site-specific safety training separate from the project safety training we will provide?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Work crew will be required to wear reflective vests, steel/composite toed boots or shoes, safety glasses, masks, and puncture resistant gloves. What additional personnel protective equipment is required to work at your facility? That should cover it		
Please list any facility requirements or preferences that the work crew should follow in regards to COVID-19. None.		

Additional Information

Please provide additional information about your facility that may impact the DNR statewide waste characterization study should your facility serve as a host site. Also, please use this space to indicate if you have questions about the study.

As the BHC Landfill is operated by a contractor, the Commission will be the lead and coordinate between the consultant and Waste Tech for work onsite.

Thank you!

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All Iowa landfills are encouraged to complete the following questionnaire to indicate interest in volunteering as a host site. DNR is seeking a good representation of MSW disposal facilities across the state. Facility participation selection will be based on such factors as:

- Geographic distribution;
- Landfill diversity in terms of tonnage received, urban/rural service area, etc.;
- Detailed record keeping to facilitate proper load selection; and
- Integrated solid waste programs available in landfill service area

Landfills responding to this invitation to participate may include Iowa generated municipal solid waste received from transfer stations but must provide requested information below.

Waste type to be characterized through sampling and sorting include residential, industrial, commercial and institutional. Construction and demolition debris will be visually sorted. Waste sorting activities will take place over 2 to 5 days depending on the number of samples to be sorted and characterized. Host facilities will receive detailed waste characterization data unique to their facility.

In order to properly assess your site, please complete the following questionnaire directly in the spaces provided and return it to Laurie Rasmus via email at laurie.rasmus@dnr.iowa.gov by **January 14, 2022**.

Please contact Tom Anderson at tom.anderson@dnr.iowa.gov if you have questions about this solicitation or the 2022 statewide waste characterization study.

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Host Facility Questionnaire

Host Facility Contact Information

Landfill Name:	Carroll County Solid Waste Management Commission
DNR field Office Region:	Field office 4
County:	Carroll
Address:	19111 Kittyhawk Avenue
City, State, Zip	Carroll, IA 51401
Contact Name:	Mary Wittry
Title:	Director
Office Number:	712-792-5001
Cell Phone:	712-830-4421
Email:	mwittry@carrollcountylandfill.com
Landfill Service Area Population	94,527
Will field personnel be required to sign a liability waiver to sort at your facility?	YES

Host Facility Operational Information

Waste Data	
Total annual quantity of IOWA-GENERATED waste received during fiscal year 2021 (July 1, 2020 through June 30, 2021). Please exclude out of state waste your facility received from this total.	81,012
How is the total annual quantity of Iowa-generated waste reported above distributed among the following waste generating sectors? Either provide tonnage data or percent. Estimates are acceptable. <i>Note: please EXCLUDE waste received from out-of-state sources.</i>	
Residential:	60%
Institutional, Commercial, Industrial (ICI):	40%
Construction/Demolition Debris:	
Other, list/describe:	

Haulers	
Please list the major haulers transporting the following types of waste to your facility.	
Residential:	Ray's Refuse Service, Daisy Hauling, Carroll Refuse
Institutional, Commercial, Industrial (ICI):	Ray's Refuse Service, Daisy Hauling, Carroll Refuse
Construction/Demolition Debris:	Ray's Refuse, Carroll Refuse, Carroll County Roll-offs
Other, list/describe:	

Waste Deliveries	
Please indicate what day(s) of the week waste from the following generating sectors is delivered.	
Residential:	Monday – Thursday
Institutional, Commercial, Industrial (ICI):	Monday – Friday
Construction/Demolition Debris:	Monday-Friday
Other, list/describe:	
Is C&D waste tipped/disposed at the same location at your facility as regular MSW? If not, please explain.	Yes

Transferred Waste				
Does your facility receive Iowa-generated waste from transfer stations? If yes, please complete the information below:		x <input type="checkbox"/> Yes		<input type="checkbox"/> No
Transfer Station Name	County	Contact Name	Contact Information (phone/email)	FY2021 Tonnage Waste Received
Buena Vista County		Lori Dicks	712-732-7171 bvrecyclecenter@gmail.com	18,115
Crawford County		Chuck Ettleman	712-263-8454 cettleman@crawfordcounty.iowa.gov	12,841
Guthrie County		Jotham Arber	641-747-8320 j.arber@guthriecounty.gov	8,346
Sac County		Cliff Frohardt	712-662-4895 cfscsw@gmail.com	6,576
Shelby		Brandon Burmeister	712-755-5954 Brandon Burmeister BBurmeister@shco.org	11,157

Service Area Solid Waste Programs	
Please provide a list of integrated solid waste management programs offered in your service area and an approximate percentage of the population served by each program (i.e. drop-off recycling, curbside recycling, regional collection center facility or service, food waste composting).	
Program	Population Served
Drop-off Recycling	50
Curbside Recycling	50
Regional Collection Center	100
Food Waste Composting	0
Other (please specify)	
Other (please specify)	
Other (please specify)	

Host Facility Support Needs		
Please comment on your facility's ability to provide/meet sort crew needs while onsite characterizing waste. These items are important to completing a safe and efficient waste sort. As needed, DNR and its contractors will work with host facilities to accommodate concerns. Please note that field activities at selected sites will occur for a minimum of two days, but no more than five days. Work is anticipated to take place Monday through Friday during normal operating hours.		
A safe work area with a level surface that is at least 20' by 20' for staff to complete the manual sorting of waste.	Yes <input type="checkbox"/> x	No <input type="checkbox"/>

Please provide additional details on the potential work area (i.e. proximity to working face / enclosed in building or open-air / paved surface / etc.	The work area would be the maintenance building on the northwest corner of the landfill. Enclosed with doors facing south. Located on gravel.	
A safe work area where sort personnel can visually inspect loads of construction/demolition debris prior to disposal.	Yes <input type="checkbox"/> x	No <input type="checkbox"/>
Please provide additional details on the potential work area available at your facility to visually characterize construction/demolition debris?	Located near the landfill and accessible by two different routes. Break area and rest rooms available.	
May the work crew use your facility restrooms and/or break area (including storing lunch items in a refrigerator)?	Yes <input type="checkbox"/> x	No <input type="checkbox"/>
Is there an open-air (i.e. outdoor) area at your facility where up to eight staff can be safe and socially distance to take breaks that is also away from facility operations?	Yes <input type="checkbox"/> x	No <input type="checkbox"/>
Can you provide an operator and heavy equipment to transport waste samples from the working face or tipping area to the sorting area?	Yes <input type="checkbox"/> x	No <input type="checkbox"/>
May we store waste samples (contained and covered) overnight at the sorting area to facilitate a quick start each morning?	Yes <input type="checkbox"/> x	No <input type="checkbox"/>
Can you provide dumpsters or roll-off containers at the sorting location for placement of trash and/or recyclable materials once materials have been characterized?	Yes <input type="checkbox"/> x	No <input type="checkbox"/>
Can you appoint a staff person to be the point of contact for the work crew for issues/concerns that might come up during field activities?	Yes <input type="checkbox"/> x	No <input type="checkbox"/>
Is it possible to remain working at your facility after it closes for the day? We are open to options and can be discussed further if the site is chosen.	Yes <input type="checkbox"/> x	No <input type="checkbox"/>
Health and safety is the number one priority for this project. Included will be a daily safety briefing to start each day. Will onsite field personnel for this project be required to receive site-specific safety training separate from the project safety training we will provide?	Yes <input type="checkbox"/>	No <input type="checkbox"/> x
Work crew will be required to wear reflective vests, steel/composite toed boots or shoes, safety glasses, masks, and puncture resistant gloves. What additional personnel protective equipment is required to work at your facility? None		
Please list any facility requirements or preferences that the work crew should follow in regards to COVID-19. Masks, frequent hand-washing, and 3–6-foot separation if possible.		

Additional Information

Please provide additional information about your facility that may impact the DNR statewide waste characterization study should your facility serve as a host site. Also, please use this space to indicate if you have questions about the study.

The Commission has great relationships with the contracted haulers, customers and with transfer station personnel. Staff are more than willing to help make the sort at the facility successful. And the sorters loved banana bread last time. Thank you for the opportunity to work together. We are very

interested in seeing what is being thrown away due to the increase in on-line shipping. Please let me know if you have any questions.

Thank you!

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Host Facility Questionnaire

Host Facility Contact Information

Landfill Name:	Cedar Rapids Linn County Solid Waste Agency
DNR field Office Region:	Manchester Field Office #1, Northeast Iowa
County:	Linn
Address:	1954 County Home Road
City, State, Zip	Marion, IA 52302
Contact Name:	Joe Horaney
Title:	Communications Director
Office Number:	319-377-5290
Cell Phone:	319-621-4098
Email:	jhoraney@solidwasteagency.org
Landfill Service Area Population	230,299
Will field personnel be required to sign a liability waiver to sort at your facility?	Yes

Host Facility Operational Information

Waste Data	
Total annual quantity of IOWA-GENERATED waste received during fiscal year 2021 (July 1, 2020 through June 30, 2021). Please exclude out of state waste your facility received from this total.	381,927 tons (unusually high due to August 2020 derecho damage and repairs)
How is the total annual quantity of Iowa-generated waste reported above distributed among the following waste generating sectors? Either provide tonnage data or percent. Estimates are acceptable. <i>Note: please EXCLUDE waste received from out-of-state sources.</i>	
Residential:	199,755 tons (includes residential and commercial non-special waste)
Institutional, Commercial, Industrial (ICI):	37,582 tons of special waste
Construction/Demolition Debris:	102,040 tons
Other, list/describe:	42,550 tons of shingles

Haulers	
Please list the major haulers transporting the following types of waste to your facility.	
Residential:	City of Cedar Rapids, City of Marion, Rudd Sanitation, Republic Services
Institutional, Commercial, Industrial (ICI):	ABC Disposal, A-1, Wilson Rubbish, Rudd Sanitation, Waste Management, Republic Services, Wapsi Waste
Construction/Demolition Debris:	“ “
Other, list/describe:	“ “

Waste Deliveries	
Please indicate what day(s) of the week waste from the following generating sectors is delivered.	
Residential:	Monday – Saturday (residential curbside collection done by the communities is brought in Monday – Friday)
Institutional, Commercial, Industrial (ICI):	Monday – Saturday
Construction/Demolition Debris:	Monday - Saturday
Other, list/describe:	Monday – Saturday, Saturdays mostly residential but commercial can still visit
Is C&D waste tipped/disposed at the same location at your facility as regular MSW? If not, please explain.	Yes.

Transferred Waste				
Does your facility receive Iowa-generated waste from transfer stations? If yes, please complete the information below:		<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No
Transfer Station Name	County	Contact Name	Contact Information (phone/email)	FY2021 Tonnage Waste Received

Service Area Solid Waste Programs	
Please provide a list of integrated solid waste management programs offered in your service area and an approximate percentage of the population served by each program (i.e. drop-off recycling, curbside recycling, regional collection center facility or service, food waste composting).	
Program	Population Served
Drop-off Recycling	All of County, 230,299
Curbside Recycling	Available to households in Linn County's 17 communities; optional for rural residents (approximately 19,700 rural residents)
Regional Collection Center	All of County
Food Waste Composting	All of County (must be dropped off at compost location)
Other (please specify)	Appliances (fee applies); batteries, fluorescent bulbs
Other (please specify)	Electronics (fee for some items), scrap metal
Other (please specify)	Tires (fee applies), medical sharps

Host Facility Support Needs

Please comment on your facility's ability to provide/meet sort crew needs while onsite characterizing waste. These items are important to completing a safe and efficient waste sort. As needed, DNR and its contractors will work with host facilities to accommodate concerns. Please note that field activities at selected sites will occur for a minimum of two days, but no more than five days. Work is anticipated to take place Monday through Friday during normal operating hours.

A safe work area with a level surface that is at least 20' by 20' for staff to complete the manual sorting of waste.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Please provide additional details on the potential work area (i.e. proximity to working face / enclosed in building or open-air / paved surface / etc.	Inside the Agency's Resource Recovery building, has a 14,000 square foot concrete floor where sorting can be staged. Trucks can be diverted to this area instead of the landfill on paved surfaces.	
A safe work area where sort personnel can visually inspect loads of construction/demolition debris prior to disposal.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Please provide additional details on the potential work area available at your facility to visually characterize construction/demolition debris?	Agency staff will segregate a section of the landfill away from regular activity for C&D loads to be visually inspected.	
May the work crew use your facility restrooms and/or break area (including storing lunch items in a refrigerator)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is there an open-air (i.e. outdoor) area at your facility where up to eight staff can be safe and socially distance to take breaks that is also away from facility operations?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you provide an operator and heavy equipment to transport waste samples from the working face or tipping area to the sorting area?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
May we store waste samples (contained and covered) overnight at the sorting area to facilitate a quick start each morning?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you provide dumpsters or roll-off containers at the sorting location for placement of trash and/or recyclable materials once materials have been characterized?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you appoint a staff person to be the point of contact for the work crew for issues/concerns that might come up during field activities?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is it possible to remain working at your facility after it closes for the day?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Health and safety is the number one priority for this project. Included will be a daily safety briefing to start each day. Will onsite field personnel for this project be required to receive site-specific safety training separate from the project safety training we will provide? (Yes, one time orientation with Health & Safety Manager)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Work crew will be required to wear reflective vests, steel/composite toed boots or shoes, safety glasses, masks, and puncture resistant gloves. What additional personnel protective equipment is required to work at your facility?		
That is sufficient.		
Please list any facility requirements or preferences that the work crew should follow in regards to COVID-19.		
Masks recommended; no smoking onsite, even in personal vehicle.		

Additional Information

Please provide additional information about your facility that may impact the DNR statewide waste characterization study should your facility serve as a host site. Also, please use this space to indicate if you have questions about the study.

The Solid Waste Agency has taken part in previous waste characterization studies and finds the resulting information to be very beneficial. We hope we are able to participate again in 2022. Thanks for consideration.

Thank you!

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Host Facility Questionnaire

Host Facility Contact Information

Landfill Name:	Dubuque Metropolitan Area Solid Waste Agency
DNR field Office Region:	01 – Manchester
County:	Dubuque
Address:	Site: 101 Airborne Road Mailing: 925 Kerper
City, State, Zip	Dubuque, IA Site: 52003 Mailing: 52001
Contact Name:	Kenneth Miller
Title:	Solid Waste Agency Administrator
Office Number:	(563) 589-4354
Cell Phone:	(563) 581-2874
Email:	kmiller@cityofdubuque.org
Landfill Service Area Population	Iowa: 116,754 Out of State: 75,000
Will field personnel be required to sign a liability waiver to sort at your facility?	No

Host Facility Operational Information

Waste Data	
Total annual quantity of IOWA-GENERATED waste received during fiscal year 2021 (July 1, 2020 through June 30, 2021). Please exclude out of state waste your facility received from this total.	104,979.11
How is the total annual quantity of Iowa-generated waste reported above distributed among the following waste generating sectors? Either provide tonnage data or percent. Estimates are acceptable. <i>Note: please EXCLUDE waste received from out-of-state sources.</i>	
Residential:	21,175.94
Institutional, Commercial, Industrial (ICI):	76,054.28
Construction/Demolition Debris:	4,489.05
Other, list/describe:	3259.84

Haulers	
Please list the major haulers transporting the following types of waste to your facility.	
Residential:	City of Dubuque, Republic, Bi-County, Dittmer, Kluesner, Roling, Faherty, Town & Country
Institutional, Commercial, Industrial (ICI):	Republic, Bi-County, Dittmer, Kluesner, Roling, Faherty, Town & Country
Construction/Demolition Debris:	Cash Customers
Other, list/describe:	Cash Customers

Waste Deliveries	
Please indicate what day(s) of the week waste from the following generating sectors is delivered.	
Residential:	Monday-Saturday
Institutional, Commercial, Industrial (ICI):	Monday-Friday
Construction/Demolition Debris:	Monday-Saturday
Other, list/describe:	Monday-Saturday
Is C&D waste tipped/disposed at the same location at your facility as regular MSW? If not, please explain.	Yes

Transferred Waste				
Does your facility receive Iowa-generated waste from transfer stations? If yes, please complete the information below:		<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No
Transfer Station Name	County	Contact Name	Contact Information (phone/email)	FY2021 Tonnage Waste Received
Kluesner Transfer	Delaware County	Craig Kluesner	563-590-0530	

Service Area Solid Waste Programs	
Please provide a list of integrated solid waste management programs offered in your service area and an approximate percentage of the population served by each program (i.e. drop-off recycling, curbside recycling, regional collection center facility or service, food waste composting).	
Program	Population Served
Drop-off Recycling	100%
Curbside Recycling	90%
Regional Collection Center	100%
Food Waste Composting	60%
Other (please specify) Tire Recycling	100%
Other (please specify) Yard Waste Composting	100%
Other (please specify) Rubble Recycling	100%

Host Facility Support Needs		
Please comment on your facility's ability to provide/meet sort crew needs while onsite characterizing waste. These items are important to completing a safe and efficient waste sort. As needed, DNR and its contractors will work with host facilities to accommodate concerns. Please note that field activities at selected sites will occur for a minimum of two days, but no more than five days. Work is anticipated to take place Monday through Friday during normal operating hours.		
A safe work area with a level surface that is at least 20' by 20' for staff to complete the manual sorting of waste.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Please provide additional details on the potential work area (i.e. proximity to working face / enclosed in building or open-air / paved surface / etc.	Maintenance shop near active cell.	

A safe work area where sort personnel can visually inspect loads of construction/demolition debris prior to disposal.		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Please provide additional details on the potential work area available at your facility to visually characterize construction/demolition debris?		Maintenance Shop.	
May the work crew use your facility restrooms and/or break area (including storing lunch items in a refrigerator)?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is there an open-air (i.e. outdoor) area at your facility where up to eight staff can be safe and socially distance to take breaks that is also away from facility operations?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you provide an operator and heavy equipment to transport waste samples from the working face or tipping area to the sorting area?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
May we store waste samples (contained and covered) overnight at the sorting area to facilitate a quick start each morning?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you provide dumpsters or roll-off containers at the sorting location for placement of trash and/or recyclable materials once materials have been characterized?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you appoint a staff person to be the point of contact for the work crew for issues/concerns that might come up during field activities?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is it possible to remain working at your facility after it closes for the day?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Health and safety is the number one priority for this project. Included will be a daily safety briefing to start each day. Will onsite field personnel for this project be required to receive site-specific safety training separate from the project safety training we will provide?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Work crew will be required to wear reflective vests, steel/composite toed boots or shoes, safety glasses, masks, and puncture resistant gloves. What additional personnel protective equipment is required to work at your facility? None.			
Please list any facility requirements or preferences that the work crew should follow in regards to COVID-19. Will depend on local regulations at the time.			

Additional Information

Please provide additional information about your facility that may impact the DNR statewide waste characterization study should your facility serve as a host site. Also, please use this space to indicate if you have questions about the study.

Thank you!

Iowa DNR

2022 Statewide Waste Characterization Study

Participation Solicitation

Introduction

DNR is initiating the process to conduct a statewide waste characterization study during summer/fall 2022, and is seeking volunteer MSW landfills to serve as host sites for sampling and sorting of waste received.

All Iowa landfills are encouraged to complete the following questionnaire to indicate interest in volunteering as a host site. DNR is seeking a good representation of MSW disposal facilities across the state. Facility participation selection will be based on such factors as:

- Geographic distribution;
- Landfill diversity in terms of tonnage received, urban/rural service area, etc.;
- Detailed record keeping to facilitate proper load selection; and
- Integrated solid waste programs available in landfill service area

Landfills responding to this invitation to participate may include Iowa generated municipal solid waste received from transfer stations but must provide requested information below.

Waste type to be characterized through sampling and sorting include residential, industrial, commercial and institutional. Construction and demolition debris will be visually sorted. Waste sorting activities will take place over 2 to 5 days depending on the number of samples to be sorted and characterized. Host facilities will receive detailed waste characterization data unique to their facility.

In order to properly assess your site, please complete the following questionnaire directly in the spaces provided and return it to Laurie Rasmus via email at laurie.rasmus@dnr.iowa.gov by **January 14, 2022**.

Please contact Tom Anderson at tom.anderson@dnr.iowa.gov if you have questions about this solicitation or the 2022 statewide waste characterization study.

Thank you for your interest in participating in the
2022 Statewide Waste Characterization Study

2022 Statewide Waste Characterization Study

Host Facility Questionnaire

Host Facility Contact Information

Landfill Name:	Iowa City Landfill and Recycling Center
DNR field Office Region:	6, Washington
County:	Johnson
Address:	3900 Hebl Avenue SW
City, State, Zip	Iowa City, IA 52246
Contact Name:	Jen Jordan
Title:	Resource Management Superintendent
Office Number:	319-887-6160
Cell Phone:	319-321-6539
Email:	jennifer-jordan@iowa-city.org
Landfill Service Area Population	~ 153,000
Will field personnel be required to sign a liability waiver to sort at your facility?	no

Host Facility Operational Information

Waste Data	
Total annual quantity of IOWA-GENERATED waste received during fiscal year 2021 (July 1, 2020 through June 30, 2021). Please exclude out of state waste your facility received from this total.	151,793 tons
How is the total annual quantity of Iowa-generated waste reported above distributed among the following waste generating sectors? Either provide tonnage data or percent. Estimates are acceptable. <i>Note: please EXCLUDE waste received from out-of-state sources.</i>	
Residential:	Estimated: 45,000 tons (30%)
Institutional, Commercial, Industrial (ICI):	Estimated: 90,000 tons (60%). This includes residential packers from commercial haulers.
Construction/Demolition Debris:	Not tracked
Other, list/describe:	

Haulers	
Please list the major haulers transporting the following types of waste to your facility.	
Residential:	ABC Disposal, Allied Waste/Republic Services, Hawkeye Waste, Johnson County Refuse, Waste Management
Institutional, Commercial, Industrial (ICI):	same
Construction/Demolition Debris:	Same + Andino Construction, Apex Construction, Arlington Developers, A2Z Mechanical Contractors, B&H Builders, Barnhart's Custom Service, Boyd Construction, Bunting Construction, Calacci Construction, City Construction, DW Zinzer, DeLong Construction, Five Star Home Improvement, Greif Construction, McCreedy Ruth Construction, McComas Lacina, Miron Construction, Peterson Contractors, Randy Wessling Construction, T&K Roofing,
Other, list/describe:	

Waste Deliveries	
Please indicate what day(s) of the week waste from the following generating sectors is delivered.	
Residential:	Monday through Saturday, 7 am to 4:30 pm
Institutional, Commercial, Industrial (ICI):	Same
Construction/Demolition Debris:	Same
Other, list/describe:	Asbestos and contaminated soil by appointment
Is C&D waste tipped/disposed at the same location at your facility as regular MSW? If not, please explain.	yes

Transferred Waste				
Does your facility receive Iowa-generated waste from transfer stations? If yes, please complete the information below:		<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No
Transfer Station Name	County	Contact Name	Contact Information (phone/email)	FY2021 Tonnage Waste Received

Service Area Solid Waste Programs	
Please provide a list of integrated solid waste management programs offered in your service area and an approximate percentage of the population served by each program (i.e. drop-off recycling, curbside recycling, regional collection center facility or service, food waste composting).	
Program	Population Served
Drop-off Recycling	Unknown % of users. Technically, anyone is welcome to use the drop-off sites. 3 in Iowa City (served by City of Iowa City), 1 in Coralville (served by Republic Services, funded by City of Coralville)
Curbside Recycling	Estimated: I would estimate that 90-95%% of Johnson County residents have access to curbside recycling services or recycling dumpsters at their apartment.
Regional Collection Center	All residents have access. Based on HHM b-annual reporting, around 4% of the population uses the facility.
Food Waste Composting	All curbside customers in Iowa City, University Heights, and North Liberty have access to curbside services. The number of users is unknown. Possibly a few thousand total, at most.
Other (please specify)	
Other (please specify)	
Other (please specify)	

Host Facility Support Needs
Please comment on your facility's ability to provide/meet sort crew needs while onsite characterizing waste. These items are important to completing a safe and efficient waste sort. As needed, DNR and its contractors will work with host facilities to accommodate concerns. Please note that field activities at selected sites will occur

for a minimum of two days, but no more than five days. Work is anticipated to take place Monday through Friday during normal operating hours.		
A safe work area with a level surface that is at least 20' by 20' for staff to complete the manual sorting of waste.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Please provide additional details on the potential work area (i.e. proximity to working face / enclosed in building or open-air / paved surface / etc.	We have a large shop with three bays which can be utilized for the sort. Samples can be deposited directly outside the shop and a roll-off can be placed there for sorted waste. The north bay is directly adjacent to the staff break room/restroom with heat/AC as needed. There's also an eye wash station in the break room if needed.	
A safe work area where sort personnel can visually inspect loads of construction/demolition debris prior to disposal.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Please provide additional details on the potential work area available at your facility to visually characterize construction/demolition debris?	We can use the same area as described above, or we can arrange for a safe viewing area near the working face, if needed.	
May the work crew use your facility restrooms and/or break area (including storing lunch items in a refrigerator)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is there an open-air (i.e. outdoor) area at your facility where up to eight staff can be safe and socially distance to take breaks that is also away from facility operations?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you provide an operator and heavy equipment to transport waste samples from the working face or tipping area to the sorting area?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
May we store waste samples (contained and covered) overnight at the sorting area to facilitate a quick start each morning?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you provide dumpsters or roll-off containers at the sorting location for placement of trash and/or recyclable materials once materials have been characterized?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you appoint a staff person to be the point of contact for the work crew for issues/concerns that might come up during field activities?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is it possible to remain working at your facility after it closes for the day?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Health and safety is the number one priority for this project. Included will be a daily safety briefing to start each day. Will onsite field personnel for this project be required to receive site-specific safety training separate from the project safety training we will provide? NOTE: we'd want to do an overall site safety talk on the first day (or any day with new sorters).	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Work crew will be required to wear reflective vests, steel/composite toed boots or shoes, safety glasses, masks, and puncture resistant gloves. What additional personnel protective equipment is required to work at your facility? That is sufficient. We can provide single-use hearing protection if needed.		
Please list any facility requirements or preferences that the work crew should follow in regards to COVID-19. Masks are required unless social distancing can be maintained.		

Additional Information

Please provide additional information about your facility that may impact the DNR statewide waste characterization study should your facility serve as a host site. Also, please use this space to indicate if you have questions about the study.

As one of the few landfills in the state with communities which pick up food waste at the curb, the information gleaned from Iowa City's waste could be useful to other communities who may wish to start such a program.

This data would be valuable to understand the improved environmental impact over time with the material bans that have gone into effect in the last five years, specifically on cardboard and monitors/screens. This could inform other landfill considering bans for various materials.

Thank you!

Iowa DNR

2022 Statewide Waste Characterization Study

Participation Solicitation

Introduction

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- Detailed record keeping to facilitate proper load selection; and
- Integrated solid waste programs available in landfill service area

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Waste type to be characterized through sampling and sorting include residential, industrial, commercial and institutional. Construction and demolition debris will be visually sorted. Waste sorting activities will take place over 2 to 5 days depending on the number of samples to be sorted and characterized. Host facilities will receive detailed waste characterization data unique to their facility.

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Thank you for your interest in participating in the
2022 Statewide Waste Characterization Study

2022 Statewide Waste Characterization Study

Host Facility Questionnaire

Host Facility Contact Information

Landfill Name:	Metro Waste Authority
DNR field Office Region:	5
County:	Polk
Address:	12181 NE University Ave
City, State, Zip	Mitchellville, IA 50169
Contact Name:	Jon Penheiter
Title:	Solid Waste Administrator
Office Number:	515-967-2076
Cell Phone:	651-890-9654
Email:	jpe@mwatoday.com
Landfill Service Area Population	500,000
Will field personnel be required to sign a liability waiver to sort at your facility?	Yes

Host Facility Operational Information

Waste Data	
Total annual quantity of IOWA-GENERATED waste received during fiscal year 2021 (July 1, 2020 through June 30, 2021). Please exclude out of state waste your facility received from this total.	555,143 tons with 286,550 tons from MWA transfers stations
How is the total annual quantity of Iowa-generated waste reported above distributed among the following waste generating sectors? Either provide tonnage data or percent. Estimates are acceptable. <i>Note: please EXCLUDE waste received from out-of-state sources.</i>	
Residential:	54,927 tons
Institutional, Commercial, Industrial (ICI):	155,608 tons
Construction/Demolition Debris:	236,865 tons
Other, list/describe:	107,743 – special waste, yard waste, appliances, ewaste

Haulers	
Please list the major haulers transporting the following types of waste to your facility.	
Residential:	Waste Management, Ankeny Sanitation, Waste Connections, Aspen Waste, various cities in the Metro
Institutional, Commercial, Industrial (ICI):	Waste Management, Ankeny Sanitation, Waste Connections, Aspen Waste, various cities in the Metro
Construction/Demolition Debris:	Waste Management, Ankeny Sanitation, Waste Connections, Aspen Waste, various cities in the Metro, J Petticord, DeCarlo Demo, Iowa Demo
Other, list/describe:	

Waste Deliveries	
Please indicate what day(s) of the week waste from the following generating sectors is delivered.	
Residential:	M-F
Institutional, Commercial, Industrial (ICI):	M-F
Construction/Demolition Debris:	M-F
Other, list/describe:	
Is C&D waste tipped/disposed at the same location at your facility as regular MSW? If not, please explain.	Yes

Transferred Waste				
Does your facility receive Iowa-generated waste from transfer stations? If yes, please complete the information below:		X <input type="checkbox"/> Yes		<input type="checkbox"/> No
Transfer Station Name	County	Contact Name	Contact Information (phone/email)	FY2021 Tonnage Waste Received
Prairie Solid Waste Agency	Union	Amy Schultes	641-342-5022	21,231 tons
Metro Central Transfer Station	Polk	Jon Penheiter	515.967.2076	182,360 tons
Metro North Transfer Station	Polk	Jon Penheiter	515.967.2076	104,190 tons

Service Area Solid Waste Programs	
Please provide a list of integrated solid waste management programs offered in your service area and an approximate percentage of the population served by each program (i.e. drop-off recycling, curbside recycling, regional collection center facility or service, food waste composting).	
Program	Population Served
Drop-off Recycling	500,000
Curbside Recycling	500,000
Regional Collection Center	500,000 plus
Food Waste Composting	0.00
Other (please specify) Yard Waste	500,000
Other (please specify) C&D recycling	500,000
Other (please specify)	

Host Facility Support Needs		
Please comment on your facility's ability to provide/meet sort crew needs while onsite characterizing waste. These items are important to completing a safe and efficient waste sort. As needed, DNR and its contractors will work with host facilities to accommodate concerns. Please note that field activities at selected sites will occur for a minimum of two days, but no more than five days. Work is anticipated to take place Monday through Friday during normal operating hours.		
A safe work area with a level surface that is at least 20' by 20' for staff to complete the manual sorting of waste.		Yes X <input type="checkbox"/>
Please provide additional details on the potential work area (i.e. proximity to working face / enclosed in building or open-air / paved surface / etc.		No <input type="checkbox"/>
		We have a couple different areas that are safe from traffic but close to the working cell that are paved and open air.

A safe work area where sort personnel can visually inspect loads of construction/demolition debris prior to disposal.		Yes X <input type="checkbox"/>	No <input type="checkbox"/>
Please provide additional details on the potential work area available at your facility to visually characterize construction/demolition debris?			
May the work crew use your facility restrooms and/or break area (including storing lunch items in a refrigerator)?		Yes X <input type="checkbox"/>	No <input type="checkbox"/>
Is there an open-air (i.e. outdoor) area at your facility where up to eight staff can be safe and socially distance to take breaks that is also away from facility operations?		Yes X <input type="checkbox"/>	No <input type="checkbox"/>
Can you provide an operator and heavy equipment to transport waste samples from the working face or tipping area to the sorting area?		Yes X <input type="checkbox"/>	No <input type="checkbox"/>
May we store waste samples (contained and covered) overnight at the sorting area to facilitate a quick start each morning?		Yes X <input type="checkbox"/>	No <input type="checkbox"/>
Can you provide dumpsters or roll-off containers at the sorting location for placement of trash and/or recyclable materials once materials have been characterized?		Yes X <input type="checkbox"/>	No <input type="checkbox"/>
Can you appoint a staff person to be the point of contact for the work crew for issues/concerns that might come up during field activities?		Yes X <input type="checkbox"/>	No <input type="checkbox"/>
Is it possible to remain working at your facility after it closes for the day?		Yes <input type="checkbox"/>	No X <input type="checkbox"/>
Health and safety are the number one priority for this project. Included will be a daily safety briefing to start each day. Will onsite field personnel for this project be required to receive site-specific safety training separate from the project safety training we will provide?		Yes <input type="checkbox"/>	No X <input type="checkbox"/>
Work crew will be required to wear reflective vests, steel/composite toed boots or shoes, safety glasses, masks, and puncture resistant gloves. What additional personnel protective equipment is required to work at your facility? None			
Please list any facility requirements or preferences that the work crew should follow in regards to COVID-19. Face masks while in direct contact with others and social distancing when possible.			

Additional Information

Please provide additional information about your facility that may impact the DNR statewide waste characterization study should your facility serve as a host site. Also, please use this space to indicate if you have questions about the study.

Thank you!

Iowa DNR

2022 Statewide Waste Characterization Study

Participation Solicitation

Introduction

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All Iowa landfills are encouraged to complete the following questionnaire to indicate interest in volunteering as a host site. DNR is seeking a good representation of MSW disposal facilities across the state. Facility participation selection will be based on such factors as:

- Geographic distribution;
- Landfill diversity in terms of tonnage received, urban/rural service area, etc.;
- Detailed record keeping to facilitate proper load selection; and
- Integrated solid waste programs available in landfill service area

Landfills responding to this invitation to participate may include Iowa generated municipal solid waste received from transfer stations but must provide requested information below.

Waste type to be characterized through sampling and sorting include residential, industrial, commercial and institutional. Construction and demolition debris will be visually sorted. Waste sorting activities will take place over 2 to 5 days depending on the number of samples to be sorted and characterized. Host facilities will receive detailed waste characterization data unique to their facility.

In order to properly assess your site, please complete the following questionnaire directly in the spaces provided and return it to Laurie Rasmus via email at laurie.rasmus@dnr.iowa.gov by **January 14, 2022**.

Please contact Tom Anderson at tom.anderson@dnr.iowa.gov if you have questions about this solicitation or the 2022 statewide waste characterization study.

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2022 Statewide Waste Characterization Study

Host Facility Questionnaire

Host Facility Contact Information

Landfill Name:	North Central Iowa Regional Solid Waste Agency
DNR field Office Region:	Field Office #5
County:	Webster
Address:	2151 Gypsum Hollow Road
City, State, Zip	Fort Dodge, IA 50501
Contact Name:	Mitzi Brunsvold
Title:	COO/Director
Office Number:	515-955-2781
Cell Phone:	319-400-1145
Email:	mbrunsvold@ncirswa.org
Landfill Service Area Population	70,362
Will field personnel be required to sign a liability waiver to sort at your facility?	Yes

Host Facility Operational Information

Waste Data	
Total annual quantity of IOWA-GENERATED waste received during fiscal year 2021 (July 1, 2020 through June 30, 2021). Please exclude out of state waste your facility received from this total.	Approximately 86,000 tons
How is the total annual quantity of Iowa-generated waste reported above distributed among the following waste generating sectors? Either provide tonnage data or percent. Estimates are acceptable. <i>Note: please EXCLUDE waste received from out-of-state sources.</i>	
Residential:	50%
Institutional, Commercial, Industrial (ICI):	50%
Construction/Demolition Debris:	0% (not separated in database)
Other, list/describe: Gypsum Board	5-10%

Haulers	
Please list the major haulers transporting the following types of waste to your facility.	
Residential:	Advanced Waste Solutions, City of Fort Dodge, City of Humboldt, Engman Disposal, Hamilton County Transfer Station, Pederson Sanitation, Speedy Dump, Trash Man, Walters Sanitation
Institutional, Commercial, Industrial (ICI):	Advanced Waste Solutions, Engman Disposal, Hamilton County Transfer Station, Pederson Sanitation, Speedy Dump, Trash Man, Walters Sanitation
Construction/Demolition Debris:	Advanced Waste Solutions, Engman Disposal, Hamilton County Transfer Station, Pederson Sanitation, Speedy Dump, Trash Man, Walters Sanitation
Other, list/describe: Gypsum Board used as ADC	National Gypsum

Waste Deliveries	
Please indicate what day(s) of the week waste from the following generating sectors is delivered.	
Residential:	Every day, City of Fort Dodge Mon, Tues, Thurs, and Humboldt Mon, Tues, Wed, Fri
Institutional, Commercial, Industrial (ICI):	Everyday
Construction/Demolition Debris:	Everyday
Other, list/describe: Gypsum Board	2-3 times/week
Is C&D waste tipped/disposed at the same location at your facility as regular MSW? If not, please explain.	Yes

Transferred Waste				
Does your facility receive Iowa-generated waste from transfer stations? If yes, please complete the information below:		<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No
Transfer Station Name	County	Contact Name	Contact Information (phone/email)	FY2021 Tonnage Waste Received
Hamilton County Solid Waste Commission	Hamilton	Terry Klaver	515-290-0658/ hamcosolidwaste@netins.net	Approximately 13,500 tons

Service Area Solid Waste Programs	
Please provide a list of integrated solid waste management programs offered in your service area and an approximate percentage of the population served by each program (i.e. drop-off recycling, curbside recycling, regional collection center facility or service, food waste composting).	
Program	Population Served
Drop-off Recycling	Approximately 45%
Curbside Recycling	Approximately 55%
Regional Collection Center	Approximately 25%
Food Waste Composting	0%
Other (please specify) Recycling Route Truck-Approximately 100 area businesses	Approximately 20%
Other (please specify) Appliance Recycling	Approximately 20%
Other (please specify) Electronic Recycling	Approximately 50%
Tire Recycling	Approximately 20%
Scrap Metal Recycling	Approximately 10%
Trees/Brush-currently burned on site	Approximately 20%
Concrete Crushing-used on site for roads, etc.	Approximately 10%

Host Facility Support Needs
Please comment on your facility's ability to provide/meet sort crew needs while onsite characterizing waste. These items are important to completing a safe and efficient waste sort. As needed, DNR and its contractors will work with host facilities to accommodate concerns. Please note that field activities at selected sites will occur

for a minimum of two days, but no more than five days. Work is anticipated to take place Monday through Friday during normal operating hours.		
A safe work area with a level surface that is at least 20' by 20' for staff to complete the manual sorting of waste.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Please provide additional details on the potential work area (i.e. proximity to working face / enclosed in building or open-air / paved surface / etc.	We would have them working near the working face in the open-air on dirt/gravel area. Canopy can be provided for coverage from the sun and wind.	
A safe work area where sort personnel can visually inspect loads of construction/demolition debris prior to disposal.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Please provide additional details on the potential work area available at your facility to visually characterize construction/demolition debris?		
May the work crew use your facility restrooms and/or break area (including storing lunch items in a refrigerator)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is there an open-air (i.e. outdoor) area at your facility where up to eight staff can be safe and socially distance to take breaks that is also away from facility operations?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you provide an operator and heavy equipment to transport waste samples from the working face or tipping area to the sorting area?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
May we store waste samples (contained and covered) overnight at the sorting area to facilitate a quick start each morning?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you provide dumpsters or roll-off containers at the sorting location for placement of trash and/or recyclable materials once materials have been characterized?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you appoint a staff person to be the point of contact for the work crew for issues/concerns that might come up during field activities?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is it possible to remain working at your facility after it closes for the day?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Health and safety is the number one priority for this project. Included will be a daily safety briefing to start each day. Will onsite field personnel for this project be required to receive site-specific safety training separate from the project safety training we will provide?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Work crew will be required to wear reflective vests, steel/composite toed boots or shoes, safety glasses, masks, and puncture resistant gloves. What additional personnel protective equipment is required to work at your facility? No additional PPE will be required.		
Please list any facility requirements or preferences that the work crew should follow in regards to COVID-19. No additional requirements at this time, following the recommendations by the CDC and local authorities.		

Additional Information

Please provide additional information about your facility that may impact the DNR statewide waste characterization study should your facility serve as a host site. Also, please use this space to indicate if you have questions about the study.

North Central Iowa Regional Solid Waste Agency has never taken part in the DNR Waste Characterization Study. The information gathered specific to the site, will assist in goal planning for additional diversion programs. Also, providing operational/educational information on items that are being discarded into the landfill that are banned or should be diverted into the recycling options available at the Agency.

Thank you!

Iowa DNR

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Participation Solicitation

Introduction

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2022 Statewide Waste Characterization Study

Host Facility Questionnaire

Host Facility Contact Information

Landfill Name:	Newton Sanitary Landfill
DNR field Office Region:	#5
County:	Jasper
Address:	3202 Highway 14 South
City, State, Zip	Newton, Iowa 50208
Contact Name:	Mike Ward
Title:	Public Works Operations Superintendent
Office Number:	(641) 792-3866
Cell Phone:	(641) 521-5375
Email:	mikew@newtongov.org
Landfill Service Area Population	37,185
Will field personnel be required to sign a liability waiver to sort at your facility?	?

Host Facility Operational Information

Waste Data	
Total annual quantity of IOWA-GENERATED waste received during fiscal year 2021 (July 1, 2020 through June 30, 2021). Please exclude out of state waste your facility received from this total.	
How is the total annual quantity of Iowa-generated waste reported above distributed among the following waste generating sectors? Either provide tonnage data or percent. Estimates are acceptable. <i>Note: please EXCLUDE waste received from out-of-state sources.</i>	
Residential:	14,291.25
Institutional, Commercial, Industrial (ICI):	7,608.46
Construction/Demolition Debris:	8,721.59
Other, list/describe:	Concrete Rubble-2,268.31 Asbestos-85.73 Special Waste-1,040.12

Haulers	
Please list the major haulers transporting the following types of waste to your facility.	
Residential:	Dodd's Trash Hauling; Mid-West Sanitation Skunk River Sanitation; Ankeny Sanitation
Institutional, Commercial, Industrial (ICI):	Dodd's Trash Hauling; Mid-West Sanitation Gralnek/Dunitz; Stone Sanitation-Institutional
Construction/Demolition Debris:	Gralnek/Dunitz; Dodd's Trash Hauling; Audas Sanitation; TK Concrete; Fleck Hauling; Iowa Demo; Waste Management; Morgan Oaks;
Other, list/describe:	

Waste Deliveries	
Please indicate what day(s) of the week waste from the following generating sectors is delivered.	
Residential:	Monday thru Friday
Institutional, Commercial, Industrial (ICI):	Institutional on Thursday's;
Construction/Demolition Debris:	Monday thru Friday
Other, list/describe:	Monday-Wednesday-Friday: Diatomaceous Earth Various-Grit
Is C&D waste tipped/disposed at the same location at your facility as regular MSW? If not, please explain.	Yes

Transferred Waste				
Does your facility receive Iowa-generated waste from transfer stations? If yes, please complete the information below:		<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No
Transfer Station Name	County	Contact Name	Contact Information (phone/email)	FY2021 Tonnage Waste Received

Service Area Solid Waste Programs	
Please provide a list of integrated solid waste management programs offered in your service area and an approximate percentage of the population served by each program (i.e. drop-off recycling, curbside recycling, regional collection center facility or service, food waste composting).	
Program	Population Served
Drop-off Recycling	37,185
Curbside Recycling	16,000
Regional Collection Center	
Food Waste Composting	
Other (please specify)	
Other (please specify)	
Other (please specify)	

Host Facility Support Needs		
Please comment on your facility's ability to provide/meet sort crew needs while onsite characterizing waste. These items are important to completing a safe and efficient waste sort. As needed, DNR and its contractors will work with host facilities to accommodate concerns. Please note that field activities at selected sites will occur for a minimum of two days, but no more than five days. Work is anticipated to take place Monday through Friday during normal operating hours.		
A safe work area with a level surface that is at least 20' by 20' for staff to complete the manual sorting of waste.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Please provide additional details on the potential work area (i.e. proximity to working face / enclosed in building or open-air / paved surface / etc.	Enclosed building with cement floor 300 yards away from the working face Access road is gravel to the building	

A safe work area where sort personnel can visually inspect loads of construction/demolition debris prior to disposal.		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Please provide additional details on the potential work area available at your facility to visually characterize construction/demolition debris?		Upper Shop Building with dirt floor-Not Heated	
May the work crew use your facility restrooms and/or break area (including storing lunch items in a refrigerator)?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is there an open-air (i.e. outdoor) area at your facility where up to eight staff can be safe and socially distance to take breaks that is also away from facility operations?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you provide an operator and heavy equipment to transport waste samples from the working face or tipping area to the sorting area?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
May we store waste samples (contained and covered) overnight at the sorting area to facilitate a quick start each morning?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you provide dumpsters or roll-off containers at the sorting location for placement of trash and/or recyclable materials once materials have been characterized?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you appoint a staff person to be the point of contact for the work crew for issues/concerns that might come up during field activities?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is it possible to remain working at your facility after it closes for the day?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Health and safety is the number one priority for this project. Included will be a daily safety briefing to start each day. Will onsite field personnel for this project be required to receive site-specific safety training separate from the project safety training we will provide?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Work crew will be required to wear reflective vests, steel/composite toed boots or shoes, safety glasses, masks, and puncture resistant gloves. What additional personnel protective equipment is required to work at your facility?			
Please list any facility requirements or preferences that the work crew should follow in regards to COVID-19. Wear a mask as an individual choice			

Additional Information

Please provide additional information about your facility that may impact the DNR statewide waste characterization study should your facility serve as a host site. Also, please use this space to indicate if you have questions about the study.

Will puncture proof gloves be provided by the DNR or Engineering firm sponsoring the study?

Thank you!

Iowa DNR

2022 Statewide Waste Characterization Study

Participation Solicitation

Introduction

DNR is initiating the process to conduct a statewide waste characterization study during summer/fall 2022, and is seeking volunteer MSW landfills to serve as host sites for sampling and sorting of waste received.

All Iowa landfills are encouraged to complete the following questionnaire to indicate interest in volunteering as a host site. DNR is seeking a good representation of MSW disposal facilities across the state. Facility participation selection will be based on such factors as:

- Geographic distribution;
- Landfill diversity in terms of tonnage received, urban/rural service area, etc.;
- Detailed record keeping to facilitate proper load selection; and
- Integrated solid waste programs available in landfill service area

Landfills responding to this invitation to participate may include Iowa generated municipal solid waste received from transfer stations but must provide requested information below.

Waste type to be characterized through sampling and sorting include residential, industrial, commercial and institutional. Construction and demolition debris will be visually sorted. Waste sorting activities will take place over 2 to 5 days depending on the number of samples to be sorted and characterized. Host facilities will receive detailed waste characterization data unique to their facility.

In order to properly assess your site, please complete the following questionnaire directly in the spaces provided and return it to Laurie Rasmus via email at laurie.rasmus@dnr.iowa.gov by **January 14, 2022**.

Please contact Tom Anderson at tom.anderson@dnr.iowa.gov if you have questions about this solicitation or the 2022 statewide waste characterization study.

Thank you for your interest in participating in the
2022 Statewide Waste Characterization Study

2022 Statewide Waste Characterization Study

Host Facility Questionnaire

Host Facility Contact Information

Landfill Name:	Waste Commission of Scott County (Scott Area Landfill)
DNR field Office Region:	6
County:	Scott
Address:	11555 110th Avenue
City, State, Zip	Davenport, IA 52804
Contact Name:	Brian Seals
Title:	Landfill Operations Manager
Office Number:	(563) 381-1300
Cell Phone:	(563) 349-7890
Email:	brian.seals@wastecom.com
Landfill Service Area Population	174,669
Will field personnel be required to sign a liability waiver to sort at your facility?	No

Host Facility Operational Information

Waste Data	
Total annual quantity of IOWA-GENERATED waste received during fiscal year 2021 (July 1, 2020 through June 30, 2021). Please exclude out of state waste your facility received from this total.	277,503.23 tons
How is the total annual quantity of Iowa-generated waste reported above distributed among the following waste generating sectors? Either provide tonnage data or percent. Estimates are acceptable. <i>Note: please EXCLUDE waste received from out-of-state sources.</i>	
Residential:	62,987.41 tons
Institutional, Commercial, Industrial (ICI):	11,115.42 tons
Construction/Demolition Debris:	97,870.09 tons
Other, list/describe: Special Waste	105,533.31 tons

Haulers	
Please list the major haulers transporting the following types of waste to your facility.	
Residential:	City of Davenport, Republic Services, City of Bettendorf, Oveson, Consumer
Institutional, Commercial, Industrial (ICI):	County Waste, Republic Services
Construction/Demolition Debris:	HNI, Rush Roll-off, Select Contracting, Foley Contracting, County Waste, Republic Services
Other, list/describe: Special Waste	Alter Trading, Enviromark, EMS, Monsanto, Nichols/Aleris

Waste Deliveries	
Please indicate what day(s) of the week waste from the following generating sectors is delivered.	
Residential:	Monday – Friday
Institutional, Commercial, Industrial (ICI):	Monday – Saturday
Construction/Demolition Debris:	Monday – Saturday
Other, list/describe:	Monday – Friday
Is C&D waste tipped/disposed at the same location at your facility as regular MSW? If not, please explain.	Yes

Transferred Waste				
Does your facility receive Iowa-generated waste from transfer stations? If yes, please complete the information below:		<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No
Transfer Station Name	County	Contact Name	Contact Information (phone/email)	FY2021 Tonnage Waste Received

Service Area Solid Waste Programs	
Please provide a list of integrated solid waste management programs offered in your service area and an approximate percentage of the population served by each program (i.e. drop-off recycling, curbside recycling, regional collection center facility or service, food waste composting).	
Program	Population Served
Drop-off Recycling	15%
Curbside Recycling	85%
Regional Collection Center	100%
Food Waste Composting	
Other (please specify) Electronics Recovery Center	100%
Other (please specify)	
Other (please specify)	

Host Facility Support Needs		
Please comment on your facility's ability to provide/meet sort crew needs while onsite characterizing waste. These items are important to completing a safe and efficient waste sort. As needed, DNR and its contractors will work with host facilities to accommodate concerns. Please note that field activities at selected sites will occur for a minimum of two days, but no more than five days. Work is anticipated to take place Monday through Friday during normal operating hours.		
A safe work area with a level surface that is at least 20' by 20' for staff to complete the manual sorting of waste.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Please provide additional details on the potential work area (i.e. proximity to working face / enclosed in building or open-air / paved surface / etc.	Work area is available in maintenance shop.	

A safe work area where sort personnel can visually inspect loads of construction/demolition debris prior to disposal.		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Please provide additional details on the potential work area available at your facility to visually characterize construction/demolition debris?		Work area is available through camera system in office, on pad by maintenance shed and/or at working face.	
May the work crew use your facility restrooms and/or break area (including storing lunch items in a refrigerator)?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is there an open-air (i.e. outdoor) area at your facility where up to eight staff can be safe and socially distance to take breaks that is also away from facility operations?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you provide an operator and heavy equipment to transport waste samples from the working face or tipping area to the sorting area?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
May we store waste samples (contained and covered) overnight at the sorting area to facilitate a quick start each morning?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you provide dumpsters or roll-off containers at the sorting location for placement of trash and/or recyclable materials once materials have been characterized?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can you appoint a staff person to be the point of contact for the work crew for issues/concerns that might come up during field activities?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is it possible to remain working at your facility after it closes for the day?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Health and safety is the number one priority for this project. Included will be a daily safety briefing to start each day. Will onsite field personnel for this project be required to receive site-specific safety training separate from the project safety training we will provide?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Work crew will be required to wear reflective vests, steel/composite toed boots or shoes, safety glasses, masks, and puncture resistant gloves. What additional personnel protective equipment is required to work at your facility? none			
Please list any facility requirements or preferences that the work crew should follow in regards to COVID-19. It will be dependent on best practices at the time.			

Additional Information

Please provide additional information about your facility that may impact the DNR statewide waste characterization study should your facility serve as a host site. Also, please use this space to indicate if you have questions about the study.

We are preparing to conduct an organics/food waste processing and collection analysis. The data would be very helpful.

Thank you!