Reportable Enteric Pathogen Case Report Form

Potient ID			gon ouser top		DEPAR	TMENT
Patient ID Result ID 2021_11170 Person ID PBNFDXZEI					OF HI	EALTH
Patient's Name:						
Address:				County:		
Phone No: (H)	(M)		(W)		(Other)	
Sex: Male		Date of birth	(mo/day/yr):			
Race:		Ethnicity:				
Age: 18 if < 1 year, age	e in months:					
Specimen collection date (mo	o/day/year): 11/30/20	21	Clinical Lab F	Result Date: 11/	30/2021	
Submitting lab:			Submitting P	hysician:		
			Phone:			
			Physician ad	dress:		
Source of Specimen: Stool			Or	nset Date: 11/2	26/2021	
State lab isolate ID number: }	121-16904 D	ate received i	n laboratory:			
Pathogen: Shiga Toxin-Pr	oducing <i>E. coli</i> :				Notes:	
Was the pathogen identified by cultu	re?	Shiga toxin P	CR results at MDH	lab:		
Shiga toxin-producing?		PFGE:				
EIA results at clinical lab: Positive	Undifferentiated	MLVA:				
Shiga toxin PCR results at clinical la	b: Not tested					
Was the patient hospitalized?	No					
Hospital name:			Hospital first	date of admissi	ion (mo/day/yr):	
			Hospital last	date of dischar	ge (mo/day/yr):	
Patient ID number:						
Was patient transferred?	Transfer facility na	me:				
Outcome: Alive	Treated with a	antibiotics: No)			
Antibiotic Name	Date Prescribe	d	Do	ese and Duration		
Outbreak: No			Outbreak Na	me:		
Case found during audit: No						
Is case report complete: Yes						
If yes, date case report c	ompleted: 12/02/202	1	Person comple	eting case repo	rt (initials): KX	
Did MDH receive a disease re	eport card? Yes					

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χ			
Date: 12 2 2 Interviewed in	n English Other:		Tennessen 🗆
Interviewer: SIARS			
	STECINTER	VIEW FORM	
Patient's Name (last, first):			DOB:
Parent's Name (if child):			
Symptom History			
Vomiting V N Chills Diarrhea V N Heada Stools/24 hr S Musc Blood in stool V N Joint I Cramps V N Fever Y N Temp Comments: Other	e Aches Y (N Pain Y (N)	Date of onset: (m Time of onset: (m Date of onset of o Time of onset of o	diarrhea: <u>unk</u> diawhan hea (days) <u>unk</u> cinstantly due
Did you visit an emergency room for the Did you visit an outpatient clinic for the (e.g., urgent care, primary care) If hospitalized, did you stay in an Intern Were you treated with any antibiotics Antibiotic #1 Date prescribed:// Start date// End date/ Duration (days) Did you take the antibiotic before you submitted your stool culture? Yes [] No [] If yes, how many days before culture? or SAME DAY []	is illness? sive Care Unit (ICU) or	illness? Yes 🗆 No	If yes, how many times? U)? Yes □ No □
TRAVEL Did you travel internationally in the 6 Where: Departure: /Re Did anyone in your household travel i Where:	eturn:// nternationally in the <u>6</u> eturn:// o illness, including ima	<u>months</u> prior to illne	

WATER			<u>(</u>	
Did you have any well water in the week befo	ore your illness?		Y (N	Ŋ U
Location (home/cabin); address:			~	
Any bottled water?			(Ŷ) M	I U
Brand: Costro + Davani				Cristalana i
Any water directly from a spring, lake, pond,	stream, river or other source?		Y ()	() U
Where:	Wh	en:		
Did you swim in an ocean, lake, river, pool, s	plash pad, or other water venue?)	Y (1	v) u
Where:	Wh	en:		
FOOD SOURCES				
Where did you shop for groceries eaten duri online retailers, gas stations, etc.) <u>A \di</u> (<u>Wamart</u>			use store	es,
Any meat from any place other than a groce				
or place where you purchased a live animal f Type of meat:				
Type of meat: Where processed:				~
Type of meat: Where processed: ANIMAL CONTACT Did you have any contact with pets (e.g., dog	Source:	ents, or pet livestock such as		N U
Type of meat: Where processed: ANIMAL CONTACT	Source:	ents, or pet livestock such as	U	N U
Type of meat: Where processed: ANIMAL CONTACT Did you have any contact with pets (e.g., dog chickens, pigs, or horses) at home or elsewh Species	Source: gs, cats, reptiles, hedgehogs, rode ere (incl. school or someone else Describe contact	ents, or pet livestock such as 's home)?	U	N U
Type of meat: Where processed: ANIMAL CONTACT Did you have any contact with pets (e.g., dog chickens, pigs, or horses) at home or elsewh Species	Source: gs, cats, reptiles, hedgehogs, rode ere (incl. school or someone else	ents, or pet livestock such as 's home)? GI illness in animal	U	N U
Type of meat: Where processed: ANIMAL CONTACT Did you have any contact with pets (e.g., dog chickens, pigs, or horses) at home or elsewh Species Dog Puppy?	Source: gs, cats, reptiles, hedgehogs, rode ere (incl. school or someone else Describe contact	ents, or pet livestock such as 's home)? GI illness in animal	U	N U
Type of meat: Where processed: ANIMAL CONTACT Did you have any contact with pets (e.g., dog chickens, pigs, or horses) at home or elsewh Species Dog Puppy? Y YN Cat Kitten? YN Reptiles/amphibians	Source: gs, cats, reptiles, hedgehogs, rode ere (incl. school or someone else Describe contact	ents, or pet livestock such as 's home)? GI illness in animal Y IN Y U Y N U	U	N U
Type of meat: Where processed: ANIMAL CONTACT Did you have any contact with pets (e.g., dog chickens, pigs, or horses) at home or elsewh Species Dog Puppy? Y_N Cat Kitten? Y\N	source: gs, cats, reptiles, hedgehogs, rode ere (incl. school or someone else Describe contact <u>purents</u> duy	ents, or pet livestock such as s home)? GI illness in animal Y N N Y N U Y N U Y N U Y N U U V N U U V N U U V N U U V N U U V N U U V N U U V V V V V V V V V V V V V	U	N U
Type of meat: Where processed: ANIMAL CONTACT Did you have any contact with pets (e.g., dog chickens, pigs, or horses) at home or elsewh Species Dog Puppy? Y Y N Cat Kitten? Y N Reptiles/amphibians Other: Did you feed your pet a raw meat diet or giv or cow hooves?	source: gs, cats, reptiles, hedgehogs, rode ere (incl. school or someone else Describe contact parents' day	ents, or pet livestock such as 's home)? GI illness in animal Y N Y Y N U Y N U Y N U Y N U Y N U Somes, rawhides, pig's ears,		

Did you live on a farm?	Υ /	Ny U
Specify type:		J
Did you work on a farm?	۲ (N) U
Location:	when:	Source and
Did you visit a farm?	Ŷ.	N) U
Location:	when:	
Did you visit a fair, petting zoo, or other	venue with animals?	N U
Location:	when:	9

			sit a farm or anim u have contact wi			ere any of the fol	lowing	g anin	nals present?			
			Home			Work		her Farm	Petting Zoo/Other Venues			
	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact
Cow												
Goat												
Sheep												
Pig												
Chicken												
Turkey												
Other:												

OTHERS ILL		
Do you know of anyone	e else with a diarrheal il	Iness prior to or following your illness? Y 🕥 U
Who:		When:
CHILDCARE/PRESCHO	al	
		ol facility prior to or following illness? Y N U
and a state of the second s	d:	
		Phone number:
Did case attend while i		
	r GI illness? 🛛 Y 🗆 N	
For children that atter We will contact the da	nd childcare or childcar	
Tennessen read □ □ Yes, I do have conce	erns 🗌 No, I do no	ot have concerns
Additionally, because restrictions apply to cl	Shiga-toxin producing E hildren/adults with this	<u>wn</u> childcare attendees/employees ONLY: <i>c. coli</i> can cause severe complications and can be easily spread at daycare, type of illness who attend/work at daycare. An epidemiologist will contact ictions. You/your child may not attend daycare at this time.
Tennessen read 🛛		
If	your child still has diar	rhea, he/she may not attend daycare until fully recovered.
EVENTS		
Did you attend any la	rge gatherings (wedding	gs, receptions, showers, parties, festivals, fairs, etc) Y 🔊 U
Date:	Time:	Location:
Type of event	:	
Foods served	;	
Anyone else i		
Names/conta	ict information of other	s ill:

,

RESTAL	JRANTS
•	a eat any food/beverages from any: restaurants • cafeterias • food trucks/stands take out or delivery • delis • meal delivery kits coffee shops
Name:_	Hubbell House Date: 11/23 1600-1700
	Address:
•	Food/drink detail: Sup (beef + w20), maybe other things
Name:_	Chipotle Date: 11/25 Time: ~2140(day
	Address: 1201 Broadway Are S Ste GO Rachuster 55904
	Food/drink detail: burnito buil, steak tchicken + toppings (incl. Lettice, check
Name:_	Chick-fil-A Date: 11/24 Time: 1900 Sour cream
	Address:_
	Food/drink detail: Spicy chicken sandwich (w/ lettre + tumato), chicken tende
Name:_	Chipotle Date: 11/23 Time: 1350
	Address 1201 Brighting Are S Ste GO ROLLASTER 55904
	Food/drink detail: + acus, Start i hillen + toppings (incl. lettile, cheek, sour irran)
Name:_	Perkins Date: 11/22 Time: 2240
	Address:
	Food/drink detail: French toust, balan, eggs
Name:_	Kumo Sushi Date: 11/21 Time: 2040
	Address
	Food/drink detail: Spicy crab roll, spicy salmen roll, Bustan roll,
*Plagea	re-prompt for any non-restaurant exposures (alifurnia roll

•

5-DAY FOOD	HISTORY				
*Please pron	npt case with	previously		events and restaurants	S.
Meal time	Meal	Ate at home	Ate outside the <u>home</u>	Outside location	Foods eaten
Date/day pri	or to onset:	1125			
	Breakfast				
	Lunch				Thanksginning food
2140	Dinner			Chipotte	bumto buil
	Other				
Date: \\/	24	1 1		1	
	Breakfast				early
	Lunch			Hubbell Hunx	- unk, Jurian snadding
1960	Dinner			Chick-Fil-A	spicy chan sandwich + chan tender
	Other			······································	
Date: \\/	23			L	L
	Breakfast				
	Lunch				
16-1700	Dinner			Hubbell Munx	Bleftones surp
	Other				
Date: 11/2	12				L
	Breakfast				
	Lunch				
2240	Dinner			Perkins	French toast, eggs & bacen
· · · ·	Other				(- <u>)</u>
Date: \\ [21	. <u></u>		L	1 , , , , , , , , , , , , , , , , , , ,
	Breakfast				
-	Lunch	. 🗆			
	Dinner			Houmo Kun Sush	o Spiller (vale voll source)
	Other			Just	10 Spily (vab voll, spily sale voll, boston noll, cubiforni,

				o the 7 days prior to illness onset		Where	Dete
Item	Y	N	м	Brand/description	Preparation	purchased/ consumed	Date Consumed
EGGS/DAIRY	1		1				
Eggs	X					Operans	() II /22
Prepared dish with eggs (e.g., egg bake, quiche, custard)		Y					
Any batter with raw eggs (e.g., cookie dough)		X					
Did you or anyone in your household use flour in any baking or cooking?	X			all-purpose	Making Grang		
Pasteurized cow's or goat's milk		χ					
Unpasteurized milk		X					
Shredded cheese	X				Obumto buil 3 tuus	Ochipute (Ochipute (011/25 D11/23
Block cheese or cheese slices (specify)	X			extra-sharp white cheddar			
String cheese or cheese curds		χ			-		
Queso fresco or Mexican-style cheese		X					
Other cheeses (e.g., Gouda, blue, feta, chevre, brie, goat)		X					
lce cream			X			Hubbell Hunx	
Frozen dessert treats		X					
Yogurt		X					

ltem	Y	N	м	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Milk alternatives (e.g., soy, almond, rice milk)		χ					
Other dairy (e.g., cottage cheese, cream cheese, sour cream)	Χ	6		() Saw Cream (5) Saw Cream	() burnto burl () turos	Ochipothe Dehipothe	(UN/25 (2)11/23
MEAT/POULTRY/SEA	450	()D	· .				
Ground beef	X			() Grund	OBeef act 20 sump	() Hubbell Harst	D11/23
How was the gr	oun	d be	eef	edient, specify type of dish: cooked?	e-made patties 🛛 Othe		l (no pink)
Veal		X					
Other beef (e.g., steak)	χ			Ostear Ostear	()Bumpo buil Bitans	Ochipute Ochipute	011/25 311/23
Chicken (incl. ground)	X			() chicken (3) Spicy chicken	() Burnto bent (Sandwich Stenders	OChipotel Ochice-AI-A S. Chice-AI-A	()11/25 @11/24
Stuffed chicken product (e.g., chicken Kiev)	1	X		3 spicy tenders (1) Childern	(y) tucos	Genipote	G11/23
Turkey (incl. ground)	X			Thanksynny hurry			11/25
Pork (e.g., ham, bacon)	X			(D Barun		OPerkins	() 1350-11,
Lamb		X					
Sausage		X					
Venison or other meat/poultry							
Fish (incl. sushi, ceviche)	Х			Osalmin	Ospilly salmin n	1 Ollumo Swith	0 11/21
Shrimp		X					
Other seafood	X			Olvab	Ospily crab rull	OKumo sushi	011/21

ltem	Y	N	м	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
FROZEN PROCESSED	FO		1		, ,		<u> </u>
Frozen dinners/ entrees (e.g., Lean Cuisine, pot pies)		X					
Frozen pizza		X					
Other frozen, microwavable foods		X					-
FRUITS (FRESH, FRO	25M 1	, O;	(DR	IED)			
Oranges		X					
Other citrus (e.g., grapefruit, lemon, lime, tangerine)	χ			lemens		Hubbell Hank	
Pears		X	-				
Apples		χ					
Other tree fruit (e.g., apricot, plum, nectarine, peach)		X					
Strawberries		χ					
Other berries (e.g., blue, black, or raspberries)	χ			blackbemes		Mdi	
Grapes (specify color)		X					
Bananas		χ					
Watermelon (specify seeds or seedless)		Ŋ					
Cantaloupe		X					
Honeydew or other melon		X					

.

						Where purchased/	Date
Item	Y	Ν	М	Brand/description	Preparation	consumed	Consumed
Other fruit (e.g., mango, pomegranate, kiwi, pineapple)		χ					
Unpasteurized apple cider		X					
Fresh-squeezed, raw/unpasteurized juice, or smoothies		X					
Other juice		X					
VEGETABLES (FRESH	ØR	FRO)/[1			1	0
Prepackaged salad (specify bag or clamshell)	X			Scinetning w/ Remaine hearts		()Walmart (2)Hubbui Ha	.K
Iceberg		X					
Romaine	X			Diethie Biethie	O bumbi bar Osandmila 3 talus	Ochipotre Ochipotre Ochipotre Ochipotre	D 11/25 D11/24 B11/22
Spinach		Ŷ				• •	9125
Cabbage		X					
Other lettuce/leafy greens (e.g., spring mix, kale, arugula, Swiss chard, endive)		X					
Tomatoes (e.g., vine- on, heirloom, roma, beefsteak, grape, incl. on sandwich or salad)	X			Oslived Elhumy tumentures	Osandwich Osalad	Ochick-hI-A OHubbell Have	011/24
Cucumbers (e.g., English, garden, mini, Persian)		λ					
Bell/sweet peppers (specify color/size)		Y					
Hot peppers/chilies (incl. salsa, and other dishes)		X					
Asparagus		X	ű				

ltem	Y	N	м	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Celery		X					
Carrots (specify baby or normal)	χ				()in Sushi	O Kumo	
Radishes		X					
Pea pods/snap peas	<u>a</u>	X					
Onions (red/white/yellow)	X			"Unions in Werming"			
Green onions/scallions		X				<u> </u>	
Broccoli				cash sturted to Shippe	get impation	· /	
Cauliflower	2 100 100			Skippe	t to "other sect	in the second se	
Sprouts (e.g., alfalfa, bean, radish, clover)							
Cilantro (incl. in fresh salsa and other dishes)							
Other fresh herbs (e.g., basil, parsley, thyme, mint, sage)							
Mushrooms (e.g., white, portabella, crimini)							
Tofu/tempeh/ seitan							
Zucchini/summer squash (including spiralized)						<u> </u>	
Other vegetables							
Pasta salad (ingredients/brand)							

Item	Y	N	м	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Potato salad (ingredients/brand)							
OTHER Nuts (e.g., almonds, pecans, walnuts, peanuts, cashews) -specify roasted, raw, in the shell		X					
Hummus or tahini (specify)	χ					Costro	
Sesame seeds		X					
Other seeds (e.g., flax, sunflower, chia, hemp)		χ					
Snacks such as soy nuts, corn nuts, chickpeas, wasabi peas		X					
Salsa		X					
Avocado (incl. guacamole)	X	X				Adi	
Recently purchased spices (e.g., black pepper, white pepper, paprika, oregano, cumin)	X			different puppus, roumany			
Spice rubs or blends		χ					
Peanut butter	X						
Chocolate	X						
Trail mix or granola		χ					
Chips, crackers, popcorn or other snack foods	χ			Opotato chips D baugged puplorn		<u>nova, verske titel, i to i presidenti (1884.)</u> - -	<u>- Male hypotheodel (* 491 - 1475) - 1690 -</u>

Item	Y	N	м	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Nutritional supplements, protein/whey powder, meal replacements		X					
Anything didn't ask?	X			Cereal			

ADULT CASES ONLY		
Did you have any sexual contact with a male?		YNU
Did you have any sexual contact with a female?		(YN U
DEMOGRAPHICS		
For adult cases:	For child cases:	
Occupation:	School name/address:	inter-station for a subsection of the subsection
Name of employer:	Parent 1 occupation:	
Address/city of employer:	Parent 2 occupation:	
Work phone:		
All cases		
Languages s		
•		
	Race:Specify:	
SENSITIVE OCCUPATION STATEMENTS		
Food workers: People continue to shed STEC in their stools after they fee others. It is essential that you have excellent hand washing before handling foods to prevent transmitting STEC to pat apply to people with STEC infections who work in food ser epidemiologist if restrictions apply to you.	g after going to the bathroom and rons. Work restrictions/exclusions may	Statement reac
Healthcare workers:		
People continue to have STEC in their stools after they fee		
others. It is essential that you have excellent hand washing transmitting STEC to patients. Work restrictions/exclusions		
infections who work in healthcare and have contact with p		
epidemiologist if restrictions apply to you.		Statement read

Only read if the case answered "yes" to any of the farm, fair, or petting zoo questions.

UMASH Study Reminder

During the interview you (or your child) reported exposure to farm animals prior to becoming ill. Because of this, someone else from MDH will be calling your back to see if you would be willing to answer some additional questions about your (your child's) farm animal exposure. MDH is part of an agricultural safety and health center housed at the University of Minnesota and we are trying to learn more about how to keep people healthy. Is there a specific day of the week or time of day that would be better to call you back? (If so, please indicate below).

Day of week (circle one): Sunday Monday Tuesday Wednesday Thursday Friday Saturday

Time of day:

(for adult cases) If you are not available to talk when we call, may we ask your spouse/partner these questions?

□ Yes □ No Name:_____

Notes: _____

IF CASE LIVES/WORKS ON A FARM (TIER 1):

- Is this a full-time or part-time operation? □ Full-time □ Part-time
 a. If full-time: Do you primarily: □ grow crops OR □ raise animals
 (Have them pick one. Whichever one is 51% or more of their sales)
 - b. If part-time, did the farm produce at least \$1,000 worth of product in the last year? \Box Yes \Box No \Box DK

IF CASE VISITED A FARM (TIER 2):

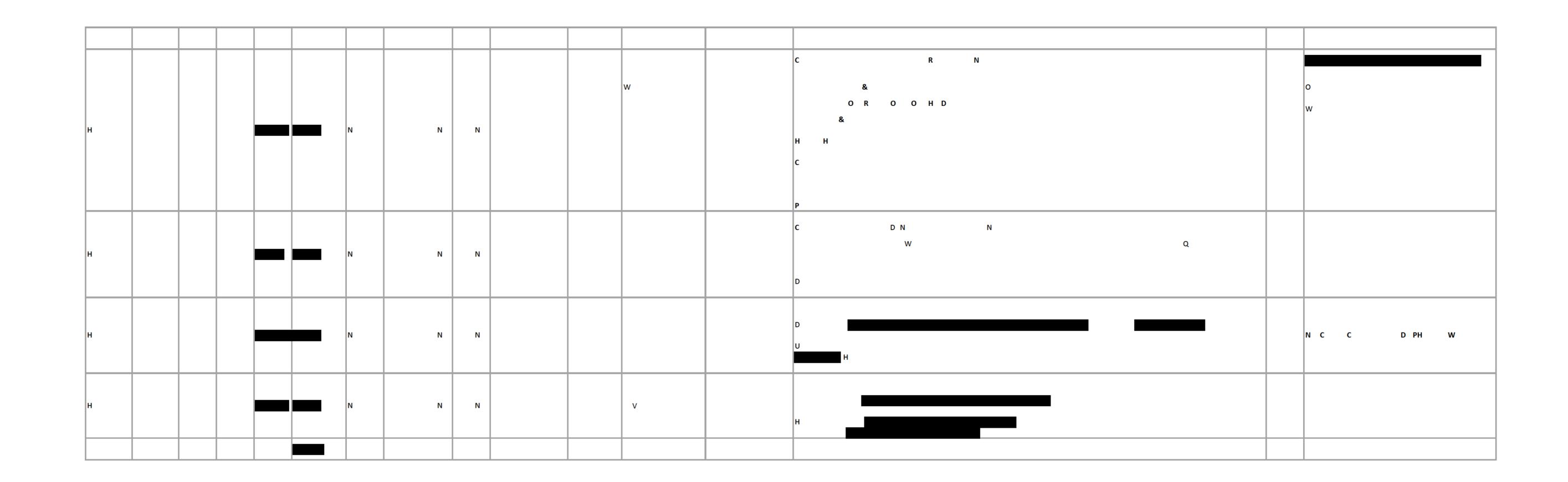
1. What type of farm was it?

□ Raises livestock and/or poultry for a living

□ Hobby Farm

□ Backyard Poultry Only

Describe:_____



Date of Interview: 12/16/21 IJ	Interviewer:	Diarrhea □Y □N Onset:/ Tin	ne:			
		Number of stools per 24 hour period:				
Chipo December		Bloody stools $\Box Y \Box N$ Cramps $\Box Y \Box N$	F			
Name:	-	First Symptom:				
Age		- Other Symptoms:				
Street:			Y			
City:	County:	Provider requested stool sample: $\Box Y \Box N$	Stool			
		Note refer to long interview for symptom				
State: Zip code:	Phone	information				
(H)		Are you willing to submit a stool sample for				
(W)		testing?				
Race:		$\Box Y \Box N$				
Specify:	_ Ethnicity: Hispanic or	Meal Date: 11/23/21				
Non-Hispanic		Meal Time: 13:50				
Illness Onset:/	_/ Time:	RMex Date: 11/25/21 / Time:				
Vomiting DY DN Ons	et: / /	Meal Time: 13:50 Time: Recovery:/ Time:				
Burrito	<u> </u>					
Burrito Bowl	<mark>y</mark> n u					
Lifestyle Bowl	Y N U					
Soft Tacos	Y N U					
Salad Quesadilla	Y N U Y N U					
Chicken	Y N U					
Steak	Y N U	1				
Barbacoa (Shredded Beef)	Y N U					
Carnitas (Pork)	Y N U	J1				
Smoked Brisket	Y N U					
Sofritas	Y N U	Anything to drink Y N U				
White Rice	<mark>y</mark> n u	What: water				
Brown Rice	Y N U	OTHER FOOD				
Pinto Beans	Y N U					
		11/23: burrito bowl with steak/chicken, lettuce, cheese, sour cream, white rice, no beans, pico de gallo, and a bottled water				
		11/25: tacos with steak and chicken, lettuce, cheese, sour cream, white rice, no beans, pico de gallo, and a bottled water (mentioned he got an extra taco)				
Black Beans	Y N U					
Fajita (green pepper/onion)	·					
Cheese .	Y N U					
Lettuce	Y N U					
Sour Crème	<mark>y</mark> n u					

eso Blanco Y N U Y	U
acamole N U	U

Did anyone you ate with at Chipotle become ill? If so, are you willing to provide contact information for them?

Name	Phone number
Name	Phone number
Name	Phone number
Name	Phone number

Nobody else ill

Interviewer: ____IJ____

Tennessen

Chipotle December 2021

Name:		Age	Sex: F M	
Street:	City:		_ County: _	
State: Zip code: Phone (H)_		(W)		
Race: If Asian or African, Sp	ecify:	Ethni	city: Hispani	c or Non-Hispanic
Illness Onset: // Time:	Recove	ery:/	_/	Time:
Vomiting $\Box Y \Box N$ Onset:/	Time:	Recovery:	//_	Time:
Diarrhea □Y □N Onset://	Time:	Recovery:	//_	Time:
Number of stools per 24 hour period:	Diarrhea dur	ation: d	ays/hours	
Bloody stools $\Box Y \Box N$ Cramps $\Box Y$	□N Fever	$\Box Y$	N Tempe	erature•F
First Symptom:	C	Onset Date:	//	Time:
Other Symptoms:	C	Onset Date:	//	Time:
Called Provider: $\Box Y \Box N$ Visited Provide	er: □Y □N	Office / ER	Date of Visi	it://
Provider requested stool sample: $\Box Y \Box N$	Stool subn	nitted: $\Box Y \Box N$	Hospital	ized: $\Box Y \Box N$
Note refer to long interview for symptom info	rmation			

Are you willing to submit a stool sample for testing?

 $\Box Y \Box N$

Meal Date:11/20/21_ Meal Time: 1200-1300				Meal Date:// Meal Time:			
Burrito	Y	N	U	Salsas			
Burrito Bowl	Y	Ν	U	Hot (Tomatillo-red chili)	Y	Ν	U
Lifestyle Bowl	Y	Ν	U	Medium (Tomatillo-green chili)	Y	Ν	U
Soft Tacos	Y	Ν	U	Mild (Tomato)	Y	Ν	U
Salad	Y	Ν	U	Corn Salsa	Y	Ν	U
Quesadilla	Y	Ν	U				
Chicken	Y	Ν	U	Chips	Y	Ν	U
Steak	Y	Ν	U	Salsa	Y	Ν	U
Barbacoa (Shredded Beef)	Y	Ν	U	Туре:			
Carnitas (Pork)	Y	Ν	U	Guacamole	Y	Ν	U
Smoked Brisket	Y	Ν	U				
Sofritas	Y	Ν	U	Anything to drink	Y	Ν	U
White Rice	Y	Ν	U	What			
Brown Rice	Y	Ν	U	OTHER FOODqueso with the chip	os _		
Pinto Beans	Y	Ν	U				
Black Beans	Y	Ν	U				
Fajita (green pepper/onion)	Y	Ν	U				
Cheese	Y	Ν	U				
Lettuce	Y	Ν	U				

<mark>Sour Crème</mark>	Y	N	U
Queso Blanco	Y V	N	U
Guacamole	Ι	Ν	U

Did anyone you ate with at Chipotle become ill? If so, are you willing to provide contact information for them?

Name	Phone number
Name	Phone number
Name	Phone number
Name	Phone number

Nobody else ill

Roslyn Stone <RStone@zerohourhealth.com>

Carlota Medus, PhD, MPH

Epidemiologist Supervisor Sr. | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5527 | Mobile: 651-285-6034





From:	Rounds, Joshua (MDH)
То:	melius.michael@co olmsted.mn.us; chowdhury.sagar@co olmsted.mn.us; bjork.matthew@CO.OLMSTED.MN.US; sherden meaghan@CO.OLMSTED.MN.US
Cc:	Hedeen Nicole (MDH); Carlton Kim (MDH)
Subject:	E. coli 0121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date:	Thursday, December 16, 2021 11:22:00 AM
Attachments:	employee ill screeningformforECOLI NEW mn.pdf employee ill screeningformforECOLI NEW mn Spanish.pdf

Hi Michael, Sagar, Matthew, and Meaghan

We have an interesting potential foodborne outbreak investigation. We have two MN cases of *E. coli* O121 from Olmsted county that are closely related by WGS to two cases from Washington. WA reached out and both their cases ate at different Panera locations, and both ate salads that likely contained a common leafy green mix (arugula, romaine, kale, and red leaf). The MN cases both report eating at different Chipotle locations in Rochester (please see the case info in the table below). We need to call our cases back to get better details on the Chipotle ingredients they would have eaten (i.e. salsas) but both did report romaine lettuce. At this time we are interested in MDA RRT/FDA pursuing a traceback investigation with WA on any common ingredients that our Chipotle cases share with the WA Panera cases. Since it appears to be a multi-state commercially distributed food outbreak, I'm planning to continue to lead the epi investigation.

What I'm requesting of you:

- Please request <u>all</u> invoices for both Chipotle locations going back one month prior to the cases meal date

 10/23 11/23 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
 - 10/23 11/23 for the 1201 Broadway Ave 5 Ste 60, Rochester, MN Chipotle location
 10/20 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location
- Please have the restaurants put in place an employee screening form (attached)
- No need for employee interviews or employee stool testing at this time
- From previous Chipotle outbreak investigations we've had a lot of success getting online orders from Chipotle corporate, so I'll reach out to them and there is no need for you to get credit card receipts from the restaurants.

Please let me know if you have any questions. Thank you!

Lab ID	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21-	18			No	11/30	11/26	No	Parents	Aldi	Chipotle	
16904								dog	Costco	(1201	
									Walmart	Broadway	
										Ave S Ste	
										60,	
										Rochester,	has been
										MN)	excluded
										(11/23)	from work
										2140	pending 2
										Burrito	negative
										bowl (steak	stool
										& chx,	specimens
										lettuce,	
										cheese,	Other leafy
										sour cream)	greens
										(11/25)	exposures:
										1350	Prepackaged
										Tacos	salad that
										(steak &	included
										chx lettuce,	romaine
										cheese,	hearts from
										sour cream)	Walmart.
											May have
										Hubbell	eaten salad
										House	at Hubbell

							(11/23) Soup beef, maybe other things, Chick-Fil-A (11/24) Spicy chx sandwich (w/ lettuce & tomato), chicken tenders Kumo Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll, Boston roll, California roll Perkins (11/22) French toast, bacon, eggs	House
H21- 16885	No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread	Case refused full interview but answered limited questions about restaurants

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083







This is exciting! Amy is out, and no one else in our team was cc'd. Does one of you want this one?

Carlota Medus, PhD, MPH

Epidemiologist Supervisor Sr. | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5527 | Mobile: 651-285-6034



??????

From: Marshall, Nicole C (DOH) <nicole.marshall@doh.wa.gov>

Sent: Monday, December 13, 2021 1:48 PM

To: Medus, Carlota (MDH) <carlota.medus@state.mn.us>; Decuir, Marijke (MDH) <marijke decuir@state.mn.us>; Saupe, Amy (MDH) <amy.saupe@state.mn.us>; Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; DOH DCHS CDEPI Enteric <DOHDCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M (DOH) <Joe.Graham@DOH.WA.GOV>; Schneider, Benjamin (CDC/DDID/NCEZID/DFWED <qpz8@cdc.gov>; McCormic, Zachary (CDC/DDID/NCEZID/DFWED <qkc8@cdc.gov>; Patel, Kane (CDC/DDID/NCEZID/DFWED <npe2@cdc gov>; Shelton, Susan E (DOH) <susan.shelton@doh.wa.gov>

Subject: E. coli O121 case investigation

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Hello Minnesota foodborne outbreak team,

We started looking into two cases of *E. coli* O121 last Friday who both reported eating at Panera Bread on 11/19/2021. Today a Minnesota isolate was uploaded with the same allele code

I TITLE	ii WGS ID	ALLELE CODE	SEROTYPE CALCULATED
• MN_H21-16885	PNUSAE091113	EC1.0 - 18.1.14.38.16	0121:H19
• WAWA0697354	PNUSAE091051	EC1.0 - 18.1.14.38.16	0121:H19
😟 WAWA0697014	PNUSAE090854	EC1.0 - 18.1.14.38.16	0121:H19

Here is what we know about our two cases Panera bread exposures:

Epi case ID	Lab	PulseNet	County	Onset	Panera Meal Date and time	Meal	Panera location	Note
						Green		
						Goddess		
						Cobb Salad		
						with		
						Chicken,		
						baguette,		
						French		
						Bistro		
						Onion		Noted that a salad
						Soup,	South Sound	item required
						Green	location-	substitution
					11/19/2021,	Passion	possibly	(possibly pickled
103825807	WA0697014	PNUSAE090854	Snohomish	11/21/2021	Lunch	Smoothie	Tacoma Mall	red onion)
						Caesar		Asked for no
						salad w/		romaine so the
						chicken,		arugula, romaine,
						baguette,		kale, red leaf blend
						Creamy		that was also used
						Chicken &		in the Green
						Wild Rice	2107 S 320th	Goddess salad was
						Soup,	Federal Way	subbed by
					11/19/2021,	unknown	(outside The	restaurant (per
	1							

103823767 WA0697354 PNUSAE091051 Pierce 11/23/2021 Lunch beverage Commons mall receipt)

Next steps:

- Snohomish is attempting to confirm the meal location for their case
- Pierce will confirm what beverage their case had with their meal (they are a smoothie drinker so we are wondering if they had the same smoothie as the other case)
- King County environmental health will go out to the Federal Way location (where we know the Pierce county case lunched) and will enquire:
 - About the preparation and source of foods eaten there by the Pierce case and also the foods which might have been eaten there by the Snohomish case
 - Ill food workers, handwashing, food handling, etc
 - Whether they share workers with other Panera Bread locations

Can you share what you know about your case? We will update SEDRIC with data for each of our cases.

Warm regards,

Nicole

Nicole Marshall (Schwalbe), MPH

Foodborne and Enteric Disease Epidemiologist Office of Communicable Disease Epidemiology Division of Disease Control and Health Statistics Washington State Department of Health nicole.marshall@doh.wa.gov 564-999-1233 (cell – direct line) | www.doh.wa.gov 206-364-1060 (fax) Gender Pronouns: she/her



From:	Rounds, Joshua (MDH)
То:	Sorenson Alida (MDA)
Cc:	Smilanich Erin (MDA)
Subject:	FW: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date:	Thursday, December 16, 2021 2:32:00 PM
Attachments:	Chipotle Marketplace Invoice.pdf

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083



? ? ? ? ?

From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Sent: Thursday, December 16, 2021 2:24 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Here are the invoices for the Marketplace location.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 1:45 PM
To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Sounds good, thank you!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





From: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>
Sent: Thursday, December 16, 2021 1:40 PM
To: Rounds, Joshua (MDH) <<u>joshua.rounds@state.mn.us</u>>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Joshua,

I have visited both stores, and have implemented active screening at both locations. I have the invoices as well, they are pretty large stacks, so I will start scanning and sending them your way. It may take a bit of time though, as I will likely have to break it up into multiple emails.

From: Rounds, Joshua (MDH) <<u>joshua.rounds@state.mn.us</u>>

Sent: Thursday, December 16, 2021 12:10 PM

To: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>; Melius Michael <<u>melius.michael@CO.OLMSTED.MN.US</u>>;
 Bjork Matthew <<u>bjork.matthew@CO.OLMSTED.MN.US</u>>; Sherden Meaghan <<u>sherden.meaghan@CO.OLMSTED.MN.US</u>>
 Cc: Hedeen, Nicole (MDH) <<u>nicole.hedeen@state.mn.us</u>>; Carlton, Kim (MDH) <<u>kim.carlton@state.mn.us</u>>
 Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

And sorry one error my end. Please request the invoices for the following dates

- 10/23 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- 10/20 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083





From: Chowdhury Sagar < chowdhury.sagar@CO.OLMSTED.MN.US</pre>

Sent: Thursday, December 16, 2021 11:39 AM

To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; Mike Melius <melius.michael@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>
 Cc: Hedeen, Nicole (MDH) <nicole.hedeen@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
 Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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Joshua,

I will get an inspector out to both locations ASAP. We will get employee screening in place and work to get the receipts. We will keep you posted. Thank you for the update and coordination.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 11:23 AM

To: Melius Michael <<u>melius.michael@CO.OLMSTED.MN.US</u>>; Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>;
 Bjork Matthew <<u>bjork.matthew@CO.OLMSTED.MN.US</u>>; Sherden Meaghan <<u>sherden.meaghan@CO.OLMSTED.MN.US</u>>
 Cc: Hedeen, Nicole (MDH) <<u>nicole.hedeen@state.mn.us</u>>; Carlton, Kim (MDH) <<u>kim.carlton@state.mn.us</u>>
 Subject: E. coli 0121 Outbreak Investigation Likely Associated with Chipotle in Rochester

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Michael, Sagar, Matthew, and Meaghan

We have an interesting potential foodborne outbreak investigation. We have two MN cases of *E. coli* O121 from Olmsted county that are closely related by WGS to two cases from Washington. WA reached out and both their cases ate at different Panera locations, and both ate salads that likely contained a common leafy green mix (arugula, romaine, kale, and red leaf). The MN cases both report eating at different Chipotle locations in Rochester (please see the case info in the table below). We need to call our cases back to get better details on the Chipotle ingredients they would have eaten (i.e. salsas)

but both did report romaine lettuce. At this time we are interested in MDA RRT/FDA pursuing a traceback investigation with WA on any common ingredients that our Chipotle cases share with the WA Panera cases. Since it appears to be a multi-state commercially distributed food outbreak, I'm planning to continue to lead the epi investigation.

What I'm requesting of you:

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- Please have the restaurants put in place an employee screening form (attached)
- No need for employee interviews or employee stool testing at this time
- From previous Chipotle outbreak investigations we've had a lot of success getting online orders from Chipotle • corporate, so I'll reach out to them and there is no need for you to get credit card receipts from the restaurants.

Please let me know if you have any questions. Thank you!

Lab ID	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21- 16904	18			No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140	has been excluded from work pending 2
										Burrito bowl (steak & chx, lettuce, cheese,	negative stool specimens Other leafy
										sour cream) (11/25) 1350 Tacos	greens exposures: Prepackaged salad that
										(steak & chx lettuce, cheese, sour cream)	included romaine hearts from Walmart. May have
										Hubbell House (11/23) Soup beef, maybe	eaten salad at Hubbell House
										other things,	
										Chick-Fil-A (11/24) Spicy chx sandwich (w/ lettuce	

									& tomato), chicken tenders Kumo Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll, California roll Perkins (11/22) French toast, bacon, eggs	
H21- 16885	21		No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread	Case refused full interview but answered limited questions about restaurants

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





From:	Rounds, Joshua (MDH)
To:	Sorenson Alida (MDA)
Cc:	Smilanich Erin (MDA)
Subject:	FW: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date:	Thursday, December 16, 2021 2:38:00 PM
Attachments:	Chipotle S Broadway Invoices.pdf

Hi Alida,

I'm forwarding the Chipotle invoices in two emails. I haven't looked too closely at them yet so let me know if you see any issues.

One update we were able to reinterview the two cases to get more details on their Chipotle orders, they both also had the mild tomato salsa which contains roma tomatoes, red onion, cilantro, jalapenos, salt, and citrus juice. I'm checking with WA to see if those ingredients would have been in the Panera dishes, but at the moment the only common foods between Chipotle and Panera would be romaine lettuce and chicken (and I'm not very interested in chicken).

Thanks!

Lab ID	Restaurants
H21-16904	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140 Burrito bowl (steak & chx, white rice, no beans, romaine lettuce, cheese, sour cream, mild tomato salsa, bottled water) (11/25) 1350 Tacos (steak & chx, romaine lettuce, cheese, sour cream, white rice, no beans, mild tomato salsa, bottled water)
H21-16885	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Chicken, Smoked Brisket, White Rice, romaine Lettuce, Cheese, Salsa, Sour Cream, Mild Tomato Salsa, Chips, Queso Blanco.

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Sent: Thursday, December 16, 2021 1:52 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

South Location Invoices.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 1:45 PM
To: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Sounds good, thank you!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083



? ? ? ?

From: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>
Sent: Thursday, December 16, 2021 1:40 PM
To: Rounds, Joshua (MDH) <<u>joshua.rounds@state.mn.us</u>>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Joshua,

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Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





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 Cc: Hedeen, Nicole (MDH) <nicole.hedeen@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
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H21- 16904	18			No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN)	has been excluded

H21 21 Image: solution of the solut	1									(11/23)	from work
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			MN)	about
			Bowl - Rice,	restaurants
			Lettuce,	
			Chicken,	
			Cheese,	
			Salsa, Sour	
			Cream,	
			Smoked	
			Brisket	
			11/17	
			Dominos	
			Pizza	
			Pepperoni	
			Pizza,	
			Cheesy	
			Bread	

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083



2 2 2 2 2

From:	Sorenson, Alida (MDA)
To:	Rounds, Joshua (MDH)
Cc:	Smilanich, Erin (MDA)
Subject:	FW: MN - E.coli Cluster (WA and MN) Romaine O121 -UPDATE 1/4/2022, will transfer to CORE RT
Date:	Tuesday, January 4, 2022 10:35:00 AM

Josh, FYI – FDA is transferring the O121 investigation from Signals to CORE Team 3 this week! I can't tell if what she is saying below means they've already had a firm call with Taylor Farms, or are planning one. A tactics call should be scheduled soon and we'll make sure MDH is on the invite.

Alida

From: Elassar, Sana <Sana.Elassar@fda.hhs.gov>
Sent: Tuesday, January 4, 2022 10:18 AM
To: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>
Cc: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>; ORA MIN ERC
<ORAMINERC@fda.hhs.gov>; Elassar, Sana <Sana.Elassar@fda.hhs.gov>
Subject: RE: MN - E.coli Cluster (WA and MN) Romaine O121 -UPDATE 1/4/2022, will transfer to CORE RT

Greetings Alida and Erin,

FYI - wanted to give you a heads up that this E. coli O121 cluster will be transferred to RT3 this week.

CORE noted that although production in the Salinas growing region has ended for the year, more traceback information including grower level info from Panera and a firm call with Taylor Farms will aid in the investigation of this cluster.

Will pass on the tactics invite as soon as it is available! Many thanks on the grower level information from Chipotle on this one.

Sana A. Elassar (she/her)

Lieutenant, U.S. Public Health Service Emergency Response Coordinator, HAFW1 (MN, ND, SD, and WI) Office: 612-758-7156 | Mobile: 952-457-1569 | Fax: 612-334-4131



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From: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>
Sent: Thursday, December 30, 2021 8:58 AM
To: Elassar, Sana <<u>Sana.Elassar@fda.hhs.gov</u>>
Cc: StateRFR-Smilanich, Erin <<u>Erin.Smilanich@state.mn.us</u>>; ORA MIN ERC
<<u>ORAMINERC@fda.hhs.gov</u>>
Subject: [EXTERNAL] RE: MN - E.coli Cluster (WA and MN) Romaine 0121 -UPDATE 12/30/21

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Thanks, Sana! Let me know if there is anything you need from MN or if this does indeed move to a CORE team!

Alida

From: Elassar, Sana <<u>Sana.Elassar@fda.hhs.gov</u>>
Sent: Thursday, December 30, 2021 8:53 AM
To: Sorenson, Alida (MDA) <<u>alida.sorenson@state.mn.us</u>>
Cc: Smilanich, Erin (MDA) <<u>erin.smilanich@state.mn.us</u>>; ORA MIN ERC
<<u>ORAMINERC@fda.hhs.gov</u>>; Elassar, Sana <<u>Sana.Elassar@fda.hhs.gov</u>>
Subject: RE: MN - E.coli Cluster (WA and MN) Romaine O121 -UPDATE 12/30/21

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Hi Alida and Erin,

Response from SIGNALS below:

We have reviewed all the traceability information and our hypothesis is that the product in question came from Salinas. The records from Chipotle were really helpful, thank you for passing those along! We are currently in the process of evaluating next steps which may include requesting additional grower level information from Taylor Farms. However, given transition of leafy green harvest to the Yuma growing region has already occurred, and Salinas is no longer harvesting, we don't believe there is an immediate, ongoing public health threat.

Let me know if there is anything else. Have a safe, warm and reflective New Year!

Sana A. Elassar (she/her)

Lieutenant, U.S. Public Health Service Emergency Response Coordinator, HAFW1 (MN, ND, SD, and WI) Office: 612-758-7156 | Mobile: 952-457-1569 | Fax: 612-334-4131



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From: Sorenson, Alida (MDA) <<u>alida.sorenson@state.mn.us</u>>
Sent: Wednesday, December 29, 2021 4:47 PM
To: Elassar, Sana <<u>Sana.Elassar@fda.hhs.gov</u>>
Cc: StateRFR-Smilanich, Erin <<u>Erin.Smilanich@state.mn.us</u>>
Subject: [EXTERNAL] Romaine O121 - Any Interest?

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Hi Sana!

Has there been any interest or movement by CORE to look further into the E. coli O121 outbreak?

Thank you!

Alida

Alida Sorenson, MPH Response and Outreach Supervisor she|her|hers O: 651-201-6025 C: 651-592-2187 www.mda.state.mn.us DEPARTMENT OF AGRICULTURE

From:	Sorenson Alida (MDA)
To:	Rounds Joshua (MDH)
Subject:	FW: RE Washington State Traceability Records - E. coli O121 Cluster
Date:	Wednesday, December 22, 2021 4:24:04 PM
Attachments:	image002 png
	image003 png
	image004 png
	image005 png
	image006 png
	Region of harvest by date and lot number.xlsx
	Romaine Pics2.docx

FYI

From: Smith, David (AGR) <DSmith@agr.wa.gov>

Sent: Tuesday, December 21, 2021 1:57 PM

To: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>

Cc: James, Caleb (AGR) <CJames@agr.wa.gov>; Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>; Melius, Beth J (DOH) <Beth.Melius@DOH.WA.GOV>

Subject: RE Washington State Traceability Records - E. coli O121 Cluster

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Hi Alida, we wanted to share this information for your team's awareness. Please let me know if you have questions.

-David

From: Smith, David (AGR)

Sent: Tuesday, December 21, 2021 11:54 AM

To: 'Galvez, Steven' <<u>Steven.Galvez@fda.hhs.gov</u>>

Cc: DOH DCHS CDEPI Enteric <<u>DOHDCHSCDEPIEnteric@doh.wa.gov</u>>; Burbach, Miriam R <<u>Miriam.Burbach@fda.hhs.gov</u>>; ORA SEA ERC <<u>ORASEAERC@fda.hhs.gov</u>>; Melius, Beth J (DOH) <<u>Beth.Melius@DOH.WA.GOV</u>>; Caleb James (<u>Clames@agr.wa.gov</u>) <<u>Clames@agr.wa.gov</u>>

Subject: RE: [EXTERNAL] FW: New E. coli O121 Cluster - Awareness Only

Hi Steven, WSDA Food Safety contacted Panera Bread LLC in Puyallup on Friday, Dec 17th to initiate a records request from Oct 19, 2021 to Nov 19, 2021. This request was focused on receiving and shipping records of Romaine Lettuce to one Panera Bread retail location in Federal Way.

The firm provided the requested information yesterday. They are maintaining detailed receiving records for all products, including Romaine Lettuce from United Salad of Washington State and United Salad in Portland Oregon. Panera Bread LLC stated that Taylor Farms is the sole provider of this product.

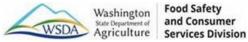
Meelay Tellier with DOH was able to compile the information provided by Panera Bread LLC by date and lot number. This file is attached. This indicates the transition from Salinas Valley, California to the Yuma, AZ growing region had just occurred on 11/19/21.

Please let me know if you have any questions.

-David

David Smith | Program Manager Food Safety | Washington State Department of Agriculture (360) 902-1876 | Mobile: (360) 239-7019

Visit Our Website



From: Galvez, Steven <<u>Steven.Galvez@fda.hhs.gov</u>>

Sent: Tuesday, December 21, 2021 9:16 AM

To: Melius, Beth J (DOH) <<u>Beth.Melius@DOH.WA.GOV</u>>; Smith, David (AGR) <<u>DSmith@agr.wa.gov</u>>

Cc: DOH DCHS CDEPI Enteric <<u>DOHDCHSCDEPIEnteric@doh.wa.gov</u>>; Burbach, Miriam R <<u>Miriam.Burbach@fda.hhs.gov</u>>; ORA SEA ERC <<u>ORASEAERC@fda.hhs.gov</u>>

Subject: RE: [EXTERNAL] FW: New E. coli O121 Cluster - Awareness Only

External Email

Good morning,

Is there an update on the traceback documents?

V/r, Steve

 From: Galvez, Steven <<u>Steven.Galvez@fda.hhs.gov</u>>

 Sent: Friday, December 17, 2021 5:07 PM

 To: Melius, Beth J (DOH) <<u>Beth.Melius@DOH.WA.GOV</u>>

 Cc: DOH DCHS CDEPI Enteric <<u>DOHDCHSCDEPIEnteric@doh.wa.gov</u>>; Burbach, Miriam R <<u>Miriam.Burbach@fda.hhs.gov</u>>; ORA

 SEA ERC <<u>ORASEAERC@fda.hhs.gov</u>>; StateRFR-Smith, David <<u>dsmith@agr.wa.gov</u>>

 Subject: Re: [EXTERNAL] FW: New E. coli O121 Cluster - Awareness Only

Thanks Beth,

David's group is great. If there is any support needed from us please do not hesitate to ask. We look forward to seeing where this leads.

V/r, Steve

From: Melius, Beth J (DOH) <<u>Beth.Melius@DOH.WA.GOV</u>>
Sent: Friday, December 17, 2021 4:58:43 PM
To: Burbach, Miriam R <<u>Miriam.Burbach@fda.hhs.gov</u>>; Galvez, Steven <<u>Steven.Galvez@fda.hhs.gov</u>>; StateRFR-Smith, David
<<u>dsmith@agr.wa.gov</u>>
Cc: DOH DCHS CDEPI Enteric <<u>DOHDCHSCDEPIEnteric@doh.wa.gov</u>>
Subject: RE: [EXTERNAL] FW: New E. coli O121 Cluster - Awareness Only

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Thanks Miriam and Steven! David Smith from WSDA is helping us with traceback on leafy greens at the Panera distribution facility in Puyallup, and MN has asked their RRT to traceback the Romaine lettuce from the Chipotle restaurants. We should know more next week!

Thank you!

Beth

From: Burbach, Miriam R <<u>Miriam.Burbach@fda.hhs.gov</u>>
Sent: Wednesday, December 15, 2021 6:31 AM
To: Marshall, Nicole C (DOH) <<u>nicole.marshall@doh.wa.gov</u>>
Cc: Galvez, Steven <<u>Steven.Galvez@fda.hhs.gov</u>>

External Email

Thanks Nicole, Please keep us updated. I am copying Steven Galvez, he is Acting ERC through December. Kelsey Volkman will be returning to duty in January.

Happy Holidays!

Miriam R. Burbach

District Director - FDA Seattle District (AK-ID-MT-OR-WA) Program Division Director - Office of Human and Animal Foods – Division 6 West

Office of Regulatory Affairs U.S. Food and Drug Administration, 22215 26th Ave SE, Suite 210, Bothell, WA 98021-4425 T: 425-302-0400 24-hour Number: 425-302-0340 miriam.burbach@fda.hhs.gov



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From: Marshall, Nicole C (DOH) <<u>nicole.marshall@doh.wa.gov</u>>
Sent: Tuesday, December 14, 2021 3:44 PM
To: Burbach, Miriam R <<u>Miriam.Burbach@fda.hhs.gov</u>>
Cc: DOH DCHS CDEPI Enteric <<u>DOHDCHSCDEPIEnteric@doh.wa.gov</u>>
Subject: [EXTERNAL] FW: New E. coli O121 Cluster - Awareness Only

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Hi Miriam!

I saw that Kelsey Volkman is out on Maternity leave, so just wanted to pass this on for your awareness in her absence! Thanks!

Best,

Nicole

Nicole Marshall (Schwalbe), MPH

Foodborne and Enteric Disease Epidemiologist Office of Communicable Disease Epidemiology Division of Disease Control and Health Statistics Washington State Department of Health nicole.marshall@doh.wa.gov 564-999-1233 (cell – direct line) | www.doh.wa.gov 206-364-1060 (fax) Gender Pronouns: she/her



 From: Marshall, Nicole C (DOH)

 Sent: Tuesday, December 14, 2021 3:35 PM

 To: Smith, David (AGR) <<u>DSmith@agr.wa.gov</u>>; Volkman, Kelsey (FDA/ORA) <<u>Kelsey.Volkman@fda.hhs.gov</u>>

 Cc: DOH DCHS CDEPI Enteric <<u>DOHDCHSCDEPIEnteric@doh.wa.gov</u>>; DOH EPH Food Safety <<u>Food.Safety@DOH.WA.GOV</u>>

 Subject: New E. coli 0121 Cluster - Awareness Only

Hi David and Kelsey,

We wanted to keep you in the loop on a new cluster we are monitoring. This information is **extremely preliminary** and for **awareness only** at this time.

Currently there are only 3 cases, 2 from Washington and 1 from Minnesota. However we wanted to provide you a summary of our initial information and actions, in case this cluster grows.

On Friday December 10th, WA PHL identified two cases of Shiga toxin-producing *E. coli* O121 closely related by WGS; one from Pierce county and one from Snohomish county. Upon review of the epi information, we noticed that both cases had eaten lunch from a Panera bread location on 11/19, we are still working to determine if these are the same location. Pierce county confirmed their case ordered food from the Panera located at 2107 S. 320th Federal Way in King county. Snohomish is attempting reinterview to confirm the address of the Panera their case ate food from, but noted it was in the South-sound region, initially reporting the "Tacoma Mall".

Based on initial interviews, here is what we know about our two cases Panera bread exposures:

Epi case ID	Lab	PulseNet	County	Onset	Panera Meal Date and time	Meal	Panera location	Note
						Green Goddess		
						Cobb Salad with		
						Chicken,	South	
						baguette,	Sound	Noted that a salad
						French Bistro	location-	item required
						Onion Soup,	possibly	substitution
					11/19/2021,	Green Passion	Tacoma	(possibly pickled
103825807	WA0697014	PNUSAE090854	Snohomish	11/21/2021	Lunch	Smoothie	Mall	red onion)
								Asked for no
								romaine so the
							2107 S.	arugula, romaine,
						Caesar salad w/	320th	kale, red leaf
						chicken,	Federal	blend that was
						baguette,	Way	also used in the
						Creamy Chicken	(outside	Green Goddess
						& Wild Rice	The	salad was subbed
					11/19/2021,	Soup, unknown	Commons	by restaurant (per
103823767	WA0697354	PNUSAE091051	Pierce	11/23/2021	Lunch	beverage	mall)	receipt)

On Monday December 13th, we reached out to our Minnesota colleagues to ask for any additional epi information on their case that is closely related by WGS. Minnesota called their case back to gather epidemiologic info, but questions may have been limited to only restaurant exposures because of an initial refusal to answer questions. They report an onset date of 11/26/21 and no travel. We do know that Minnesota's reported the following exposures:

Chipotle Mexican Grill
 Meal Date: 11/20/2021
 Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket
 Dominos Pizza
 Meal Date: 11/17/2021

Pepperoni Pizza, Cheesy Bread

Additional steps moving forward:

- Snohomish is attempting to confirm the meal location for their case
- Pierce will confirm what beverage their case had with their meal (they are a smoothie drinker so we are wondering if they had the same smoothie as the other case)

• King County environmental health went out to the Federal Way location today (where we know the Pierce county case lunched) and enquired:

- About the preparation and source of foods eaten there by the Pierce case and also the foods which might have been eaten there by the Snohomish case
- Ill food workers, handwashing, food handling, etc.
- Whether they share workers with other Panera Bread locations

We are waiting to hear back about today's visit.

Again, this is just for your awareness as we continue to monitor this cluster of illness. Thank you and please let us know if you have any questions!

Warm regards, Nicole

Nicole Marshall (Schwalbe), MPH

Foodborne and Enteric Disease Epidemiologist Office of Communicable Disease Epidemiology Division of Disease Control and Health Statistics Washington State Department of Health <u>nicole.marshall@doh.wa.gov</u> 564-999-1233 (cell – direct line) | <u>www.doh.wa.gov</u> 206-364-1060 (fax) Gender Pronouns: she/her



			m
(e)	Reportable Enteric Pa	athogen Case Report Form	
Patient ID Result ID 2021_11162 Person ID PBNFEZPM			OF HEALTH
Patient's Name:			
Address:			County:
Phone No: (H)	(M)	(W)	(Other)
Sex: Female	Date of b	birth (mo/day/yr):	
Race: Age: 26 if < 1 year, ag	Ethnicity e in months:		
Specimen collection date (mo	o/day/year): 11/28/2021	Clinical Lab Result Date:	11/29/2021
Submitting lab:		Submitting Physician:	
		Phone:	
		Physician address:	
Source of Specimen: Stool		Onset Date:	11/26/2021
Dethogon: Shige Toyin Dr	oducing E coli		Notes:
Pathogen: Shiga Toxin-Pr Was the pathogen identified by cultu		win DOD require at MDU Jaky Sty 2+	
	PFGE:	xin PCR results at MDH lab: Stx2+	
Shiga toxin-producing? Yes EIA results at clinical lab: Positive			
Shiga toxin PCR results at clinical la			
Was the patient hospitalized?			
Hospital name:		Hospital first date of adn	hission (mo/day/yr):
		Hospital last date of disc	
Patient ID number:			
Was patient transferred?	Transfer facility name:		
Outcome: Alive	Treated with antibiotic	s: Yes	
Antibiotic Name	Date Prescribed	Dose and Duratic	<u>n</u>
Azithromycin [Zithromax]	11/28/2021	discontinued	
Outbreak: No		Outbreak Name:	
Case found during audit: No			
Is case report complete: Yes			
If yes, date case report c	ompleted: 11/29/2021	Person completing case r	eport (initials): DSV
Did MDH receive a disease re	eport card? Yes		

e		
Date: 11 / 30/ 2.1 Interviewed i	n: (English) Other:	Tennessen 🗹
nterviewer: DSV	\bigcirc	·
	STEC INTERVIEW	/ FORM
Patient's Name (last, first):_		DOB: _
Parent's Name (if child):		
Symptom History		· .
Blood in stool 🔞 N Joint Cramps 🙆 N	ache () N Da le Aches () N Ti Pain Y () Da Ti <u>Fatique</u> Da	What was first symptom? <u>diarrhea</u> Date of onset: (mm/dd/yy) <u>II /26/21</u> Time of onset: (military) <u>0600</u> Date of onset of diarrhea: <u>II /26/21</u> Time of onset of diarrhea: <u>0600</u> Duration of diarrhea (days) <u></u> ongoing Date of recovery: <u>/_/</u> ongoing
Did you visit an emergency room for the Did you visit an outpatient clinic for the Did you visit an outpatient clinic for the e.g., urgent care, primary care) for the spitalized, did you stay in an Interverse you treated with any antibiotics antibiotic #1 <u>A2ithromycin</u> at prescribed: <u>II /29/21</u> (disconf.) at a prescribed: <u>II /29/21</u> (disconf.) and date <u>II /29/21</u> (disconf.) uration (days) <u>1 day</u> id you take the antibiotic before you ubmitted your stool culture? Yes D No M If yes, how many days before culture? Or SAME DAY D	nis illness? nsive Care Unit (ICU) or Critica	ss? Yes ☑ No □ If yes: Antibiotic #1 / Date prescribed:// Start date/ Start date/ End date/ Duration (days) Duration (days) Did you take the antibiotic before you submitted your stool culture? Yes □ No □ before If yes, how many days before
TRAVEL Did you travel internationally in the g Where: F Departure:/ F Did anyone in your household travel Where: Departure:/ F	eturn:/_/ internationally in the <u>6 mont</u>	
Did you travel during the <u>week</u> prior Where: Departure:// F	na de la francésia de la contra d Na de la francésia de la contra de	

WATER			
Did you have any well water in the we	eek before your illness?	•	Y N U
Location (home/cabin); addre	ss:		
Any bottled water?			Y (N) U
Brand:			
Any water directly from a spring, lake,	, pond, stream, river or other source?		Y Ň U
Where:	Wh	ien:	99
Did you swim in an ocean, lake, river,	pool, splash pad, or other water venue	?	Y Ň U
Where:	Wh	en:	
FOOD SOURCES			
	grocery store? (hunting, butcher shop,	, private kill, slaughterhouse,	🕅 N U
or place where you purchased a live a Type of meat: <u>Venison</u>	nimal for slaughter) Source:	, private kill, slaughterhouse,	🕅 N U
or place where you purchased a live a Type of meat: <u>Venison</u> Where processed: <u>at hom</u> ANIMAL CONTACT	nimal for slaughter) Source:e		
or place where you purchased a live a Type of meat: <u>V eniらの</u> Where processed: <u> at hom</u> ANIMAL CONTACT Did you have any contact with pets (e	nimal for slaughter) Source: C	ents, or pet livestock such as	
or place where you purchased a live a Type of meat: <u>VeniSon</u> Where processed: <u>at hom</u> ANIMAL CONTACT Did you have any contact with pets (e	nimal for slaughter) Source:e	ents, or pet livestock such as	
or place where you purchased a live a Type of meat: <u>Venison</u> Where processed: <u>at hom</u> ANIMAL CONTACT Did you have any contact with pets (e chickens, pigs, or horses) at home or e Species	nimal for slaughter) Source: eg., dogs, cats, reptiles, hedgehogs, rode elsewhere (incl. school or someone else Describe contact	ents, or pet livestock such as 's home)?	
or place where you purchased a live a Type of meat: <u>VeniSon</u> Where processed: <u>at hom</u> ANIMAL CONTACT Did you have any contact with pets (e chickens, pigs, or horses) at home or e Species	nimal for slaughter) Source: Contended Source:	ents, or pet livestock such as 's home)? GI illness in animal	
or place where you purchased a live a Type of meat: <u>VeniSon</u> Where processed: <u>at hom</u> ANIMAL CONTACT Did you have any contact with pets (e chickens, pigs, or horses) at home or e Species	nimal for slaughter) Source: eg., dogs, cats, reptiles, hedgehogs, rode elsewhere (incl. school or someone else Describe contact	ents, or pet livestock such as 's home)? GI illness in animal □ Y 🗹 N 🗆 U	
or place where you purchased a live a Type of meat: VENISON Where processed: <u>at hom</u> ANIMAL CONTACT Did you have any contact with pets (e chickens, pigs, or horses) at home or e Species Dog Puppy? UYMN Marcat Kitten? UYMN	nimal for slaughter) Source: Contended Source:	ents, or pet livestock such as 's home)? GI illness in animal UY MUU	
or place where you purchased a live a Type of meat: Verison Where processed: <u>at hom</u> ANIMAL CONTACT Did you have any contact with pets (e chickens, pigs, or horses) at home or e Species Dog Puppy? I Y N Cat Kitten? Y N Reptiles/amphibians Other: Did you feed your pet a raw meat diet or cow hooves?	nimal for slaughter) Source: S	ents, or pet livestock such as 's home)? GI illness in animal Y V N U Y N U Y N U Y N U Y N U Y N U Sones, rawhides, pig's ears,	
or place where you purchased a live a Type of meat: Verison Where processed: at hom ANIMAL CONTACT Did you have any contact with pets (e chickens, pigs, or horses) at home or e Species Dog Puppy? YMN Cat Kitten? YMN Reptiles/amphibians Other: Did you feed your pet a raw meat diet or cow hooves? Specify type:	nimal for slaughter) Source: S	ents, or pet livestock such as 's home)? GI illness in animal Y M U Y N U Y N U Y N U Y N U Sones, rawhides, pig's ears,	N U

. ,*

Did you live on a farm?		Y Ň U
Specify type:		
Did you work on a farm?		Y 🕅 U
Location:	when:	
Did you visit a farm?		Y Ň U
Location:	when:	ŧ
Did you visit a fair, petting zoo, or other ven	ue with animals?	Y 🔊 U
Location:	when: :	

 main the second s	If yes to live/work/visit a farm or animal venue, were any of the following animals present? If yes, did you have contact with them?											
	Home			Work		Other Farm			Petting Zoo/Other Venues			
	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact
Cow												
Goat												
Sheep												
Pig												
Chicken												
Turkey						· · · · · ·						
Other:												

and the second second

 $p_{ij} = p_{ij} + \frac{1}{2} \left\{ p_{ij} = \frac{1}{2} \left\{ p_{ij} + \frac{1}{2$

 $\mathcal{L}_{\mathcal{L}}^{(1)} = \mathcal{L}_{\mathcal{L}}^{(2)} \mathcal{L}_{\mathcal{L}}^{(2)} = \mathcal{L}_{\mathcal{L}}^{($

OTHERS ILL					, j
Do you know of anyone else v	vith a diarrheal illness p	rior to or following	your illness?		Y NU
Who:		When:			
CHILDCARE/PRESCHOOL Did you attend or work at a ch	oldcare (preschool facili	ty prior to or follow	ing illness?		
			ing intess!		
	· F usually (for	work)			
Name of facility:_					
Name of director:		Phone num	ber:		
Address:					
Did case attend while ill? If yes, when:					
Are you aware of other GI illn					
For children that attend child We will contact the daycare p recommendations to prevent to the childcare?	rovider to determine if a	any other children h	-		
Tennessen read □ □ Yes, I do have concerns	No, I do not have c	concerns			
For <u>STEC O157</u> or <u>stx2</u> or <u>stx</u> Additionally, because Shiga-to restrictions apply to children/ you as soon as possible to disc	oxin producing <i>E. coli</i> car adults with this type of i	n cause severe com illness who attend/	plications and can be work at daycare. An	epidemiologist wil	*
Tennessen read 🗹					
lf your ch	ild still has diarrhea, he	/she may not atter	וd daycare until full	recovered.	
EVENTS					
Did you attend any large gath	erings (weddings, recep	tions, showers, par	ies, festivals, fairs, e	tc)	ΥŴυ
Date: 11/25/21	Гіте: <u>1806</u>	Location: Gra	Idmais Hou	<u>ise</u>	
Type of event: The	inksgiving				
Foods served: Tur	key stuffin	g, mashed	potatoes, cok	iecan, ca	ke,
Anyone else ill? 🛛 Y		، ۱	cof	feecake b	an
Names/contact inform					

RESTAURANTS		
	ood trucks/stands leal delivery kits	() N U
Name: Chipotle	Date: 11/17/21 Time:	1930
Address: 3780 Marketplace Dr Nh	N # 100, Rochester, MN 5	5901
Food/drink detail: burrito bowl: white ri	ce, pinto beans, guac, le	ttuce, salsa
Name: Grandma's Kitchen	Date: \\/19/21 Time:_	1800
Address:		L
Food/drink detail: Breakfast Special	eggs, bacon, toast,) iced	tea (lemon)
	Date: 11/23/21 Time:_	
Address:_		
Food/drink detail: fried rice, orange chic	ken (sesame seeds), egg r	-011
Name: Kwik Trip #418	Date: 11/25/21 Time:	1200
Address	•	
Food/drink detail: Captain Crunch ce	ereal (pack) flip cup	-
	,	
	Date: Time:_	
Address:	х	
Food/drink detail:	ч. ц	
Name:	Date: Time:_	
Address:		······
Food/drink detail:		
*Please re-prompt for any non-restaurant exposures	· · ;	

		previous	Ate outside		
Meal time	Meal	Ate at home	the home	Outside location	Foods eaten
Date/day pri	ior to onset:	11/25	Thur	۲ ۱	a factor a factor a
т	Breakfast	4			captain Crunch, Spam eggs
en antes a	Lunch				captain Crunch, Spam eggs Tuna sandwich
1800	Dinner		₽	at grandmass house	Turkey, Stuffing, mashed Potatoes, cake, coffee cake
	Other				chips
Date: 11/24	4 we	9			
	Breakfast	M			spam eggs
	Lunch	, . .	M	school	School food or Tuna sandwich
	Dinner	, 🗆			the second s
	Other			2	
Date:11/2	3 Tue			<u>, , , , , , , , , , , , , , , , , , , </u>	
:	Breakfast		· · · ' 🔲		SPAM eggs
	Lunch			school lunch	Breaded chicken patty, pineapple
1830	Dinner	M	, D`	from Hyvee Chinese Food	fried rice, orange chicken, egg roll
	Other	M			Leftovers of venison stroganoff, asparagus
Date: 11/2	22 Mon	· · · · ·		1	
	Breakfast				SPAM eggs
	Lunch		M	School lunch	Sloppy Joe's
	Dinner	M			venison Stroganoff, asparagus
	Other				
Date: 11/2	-1 Sur			1	
Dates	Breakfast				SPAM eggs
	Lunch		0		
	Dinner				

ltem	Y	N	м	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
EGGS/DAIRY						- en	
Eggs	\checkmark			() Breakfast special () Great Value	over-medium or fried	Grandma's Kitchen Walmart	11/19
Prepared dish with eggs (e.g., egg bake, quiche, custard)		~					
Any batter with raw eggs (e.g., cookie dough)	~			coffee cake (canned pumpkin)	"a few finger licks"	Walmart	11/24
Did you or anyone n your household use flour in any paking or cooking?	~		-	unbleached white Great Value	made pumpkincoffee cake	Walmart	
Pasteurized cow's or goat's milk				goat milk (mitra V Meyenberg Brand	with cereal	Walmart	n an
Jnpasteurized milk	•	~	÷			en e	
Shredded cheese		~					
Block cheese or cheese slices specify)	4	~					
String cheese or cheese curds		~					
Queso fresco or Mexican-style cheese	• 1.0	~			· · · · · · · · · · · · · · · · · · ·		
Other cheeses (e.g., Gouda, blue, feta, :hevre, brie, goat)		V					
ce cream		~					
Frozen dessert reats		~		e en celup que que en que	Tr. Assertance		
′ogurt			•				

FOOD CONSUMPTION HISTORY

ltem	Y	N			Preparation	Where purchased/ consumed	Date Consumed
Milk alternatives (e.g., soy, almond, rice milk)	~			Almond: HyVee(Unside 2) Chobani Oat(original Plain	Cooking	Hyvee	
Other dairy (e.g., cottage cheese, cream cheese, sour cream)				Dbutter (Great Value Dbutter (Hyvee)	onTurkey	Walmart Hyvee (Albert	11/25
MEAT/POULTRY/SE	AFO 	OD.	i arg				
Ground beef		V					
How was the gr	oun	d be	ef	⊥ edient, specify type of dish: cooked? □ Raw □ Rare (red in m packaged? □ Tube □ Tray □ Pre Percent lean (e.g., 80/20	-made patties 🛛 Othe		(no pink)
Veal		$\overline{\mathbf{v}}$					
Other beef (e.g., steak)		V		an a	••••	_	
Chicken (incl. ground)	~		•	-chicken patty -orange chicken	breaded rice bowl -	-School lunch Hyvee Chinese	Tue 11/23
Stuffed chicken product (e.g., chicken Kiev)		~				Food	
Turkey (incl. ground)	~			Turkey	Stove cooked	Hyvee Albert Lea	11/25
Pork (e.g., ham, bacon)	~	20 million dave	<u>, 1999</u>	OSPAM QSloppy Joe's		Walmart -School lunch	11/22 Mon
Lamb		\checkmark		3 bacon		-Grandma's Kitchen	11/19
Sausage		~	•				
Venison or other meat/poultry	V			Venison stroganc	6 4	hunting	11/22 11/23
Fish (incl. sushi, ceviche)	\checkmark		,	canned tuna	tuna sandwich	Walmart	
Shrimp		\checkmark					
Other seafood		\checkmark	-				

Item	γ	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
FROZEN PROCESSED				Brand, description	Treparation		consumed
Frozen dinners/ entrees (e.g., Lean Cuisine, pot pies)		\checkmark					
Frozen pizza		~					
Other frozen, microwavable foods		~					
FRUITS (FRESH, FRO	L Zen,)	 DR	IED)			
Oranges		~					
Other citrus (e.g., grapefruit, lemon, lime, tangerine)	~			lemon wedge	iced tea	Grandma's Kitchen	11/19
Pears		~			•		
Apples		V		and a second and a second and a second and a second a s	anteria de la compositación de Compositación de la compositación		
Other tree fruit (e.g., apricot, plum, nectarine, peach)		~	•			· · ·	
Strawberries		v					
Other berries (e.g., blue, black, or raspberries)		~					4
Grapes (specify color)		V		and a second	an the second		
Bananas	~		-	- 1 - 1		Walmart	
Watermelon (specify seeds or seedless)		v					
Cantaloupe	• •	~					
Honeydew or other melon		~					

ltem	Y	N	м	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Other fruit (e.g., mango, pomegranate, kiwi, pineapple)	~			pineappl-e	canned	school lunch	Tue 11/23
Unpasteurized apple cider							
Fresh-squeezed, raw/unpasteurized juice, or smoothies							2011 1992 301 201 201 201 201 201 201 201 201 201 2
Other juice			ŀ				
VEGETABLES (FRESH	OR	FRC	DZE	N)			
Prepackaged salad (specify bag or clamshell)							· · · · · · · · · · · · · · · · · · ·
lceberg							
Romaine				1) romaine 2) shredded romaine	sandwich (Tuna) burrito bowl	Walmart Chipotle	11/17
Spinach							
Cabbage		V					
Other lettuce/leafy greens (e.g., spring mix, kale, arugula, Swiss chard, endive)							
Tomatoes (e.g., vine- on, heirloom, roma, beefsteak, grape, incl. on sandwich or salad)	~			tomato salsa	burrito bowl	chipotle	11/17
, Cucumbers (e.g., English, garden, mini, Persian)							
Bell/sweet peppers (specify color/size)		~					
Hot peppers/chilies (incl. salsa, and other dishes)				tomato salsa	burrito bowl	chipotle	11137
Asparagus					fresh, oven cooked	Walmart	Mon+Tue 11/22 11/2

Item	Y	N	м	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Celery	~				in egg roll	Hyvee Chinese Food	11/23
Carrots (specify baby or normal)	\checkmark		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Matchstick carrots	in fried rice and eggroll	Hyvee chinese Food	11/23
Radishes		\checkmark					
Pea pods/snap peas		~					
Onions (red/white/yellow)	V			yellow	sauteed	Walmart	
Green onions/scallions		\checkmark				с. К	
Broccoli		V				•	
Cauliflower		~					
Sprouts (e.g., alfalfa, bean, radish, clover)		\checkmark		tor increase to	And the State of State		
Cilantro (incl. in fresh salsa and other dishes)	~			white rice	· · · ·	chipotle	11/17
Other fresh herbs (e.g., basil, parsley, thyme, mint, sage)	~			parsley	in Venison stroganoff	Walmart	11/22 +
Mushrooms (e.g., white, portabella, crimini)	~			D pre-sliced white mushrooms	in Venison Stroganoff	Walmart	11/22 +
Tofu/tempeh/ seitan		\checkmark					
Zucchini/summer squash (including spiralized)		~		- pinto beans	burrito bowl	Chipotle	11/17
Other vegetables	\checkmark			-mashed potatoes (White) -hashbrowns -> Gr		11	11/25
Pasta salad (ingredients/brand)		~	-				

ltem	Y	N	м	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Potato salad (ingredients/brand)	2 7	1		en e		•	
OTHER							
Nuts (e.g., almonds, pecans, walnuts, peanuts, cashews) -specify roasted, raw, in the shell	~			cashens	cashew sauce in stroganoff	Walmart	11/22 + 11/23
Hummus or tahini (specify)		\checkmark				• •	
Sesame seeds.	1	ł			fried rice bowl	Hyvee Chinese Food	11/23
Other seeds (e.g., flax, sunflower, chia, hemp)		~					
Snacks such as soy nuts, corn nuts, chickpeas, wasabi peas		v	-	· · ·			
Salsa	\checkmark			tomato salsa	burrito bowl	Chipotle	11/17
Avocado (incl. guacamole)	~			guac	burrito bowl	chipotle	11/17
Recently purchased spices (e.g., black pepper, white pepper, paprika, oregano, cumin)		~					
Spice rubs or blends		~			e a companya		
Peanut butter		~					
Chocolate		~					
Trail mix or granola		~					
Chips, crackers, popcorn or other snack foods	~		-	1) Pringles Honey Mustard 2) Cheerios (Plain) 3) Captain Crunch		Walmart Kwik Trip	11/25

ltem	Y	N	м	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Nutritional supplements, protein/whey powder, meal replacements		~		- toast + iced tea		- Grandmais - Kitchen	w/19
Anything I didn't ask?	~			- stuffing - cake		-Grandmais House	•
				- white rice - fried rice	- burnito bowl - bowl	- Hyvee - Hyvee Chinese	11/23
						Food	

ADULT CASES ONLY	
Did you have any sexual contact with a male?	N U
Did you have any sexual contact with a female?	Y 🔊 U
DEMOGRAPHICS	
For adult cases:	For child cases:
Occupation	School name/address:
Name of employer:	Parent 1 occupation:
Address/city of em ployer	Parent 2 occupation:
Work phone:	
All cases	
Languages spoken at home	Ethnicity:
•	
	Race:
	Specify:
SENSITIVE OCCUPATION STATEMENTS	
Food workers:	
People continue to shed STEC in their stools after they others. It is essential that you have excellent hand was	· ·
before handling foods to prevent transmitting STEC to	
apply to people with STEC infections who work in food	

Statement read

Healthcare workers:

epidemiologist if restrictions apply to you.

People continue to have STEC in their stools after they feel better and can still spread STEC to others. It is essential that you have excellent hand washing after going to the bathroom to prevent transmitting STEC to patients. Work restrictions/exclusions may apply to people with STEC infections who work in healthcare and have contact with patients. You will be contacted by an epidemiologist if restrictions apply to you.

Statement read

Only read if the case answered "yes" to any of the farm, fair, or petting zoo questions.

UMASH Study Reminder

During the interview you (or your child) reported exposure to farm animals prior to becoming ill. Because of this, someone else from MDH will be calling your back to see if you would be willing to answer some additional questions about your (your child's) farm animal exposure. MDH is part of an agricultural safety and health center housed at the University of Minnesota and we are trying to learn more about how to keep people healthy. Is there a specific day of the week or time of day that would be better to call you back? (If so, please indicate below).

Day of week (circle one):	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Time of day: 🗆] am □ pm	□ No pref	ference				

(for adult cases) If you are not available to talk when we call, may we ask your spouse/partner these questions?

□ Yes □ No Name:______ Notes:

IF CASE LIVES/WORKS ON A FARM (TIER 1):

- Is this a full-time or part-time operation? □ Full-time □ Part-time
 a. If full-time: Do you primarily: □ grow crops OR □ raise animals
 (Have them pick one. Whichever one is 51% or more of their sales)
 - b. If part-time, did the farm produce at least \$1,000 worth of product in the last year? \Box Yes \Box No \Box DK

IF CASE VISITED A FARM (TIER 2):

1. What type of farm was it?

□ Raises livestock and/or poultry for a living

□ Hobby Farm

Backyard Poultry Only

Describe:_____

	Reportable Enteri	ic Pathogen Case Report Form	m
Patient ID Result ID 2021_1116144 Person ID PBNFEOXIVIN		FNONLY	DEPARTMENT OF HEALTH
Patient's Name:	·		
Address:			County:
Phone No: (H)	(M)	(W)	(Other)
Sex: Female	Date	e of birth (mo/day/yr):	
Race:		nicity:	
Age: 21 if < 1 year, age	n months:		
Specimen collection date (mo/	day/year): 11/28/2021	Clinical Lab Result Date	: 11/28/2021
Submitting lab:		Submitting Physician:	
		Phone:	
		Physician address: MN	
Source of Specimen: Stool		Onset Date:	11/26/2021
State lab isolate ID number: H2	1-16885	Date received in laborate	ory: 11/30/2021
Pathogen: Shiga Toxin-Pro	ducing <i>E. coli</i> : ന	21:419	Notes: FN ONLY
Was the pathogen identified by culture	- 01	ר (ד) ד niga toxin PCR results at MDH lab: Stx2+	travel: NO
Shiga toxin-producing? Yes		FGE:	Daycuvi. NO
EIA results at clinical lab: Not tested	MI	LVA:	5 3000 0
Shiga toxin PCR results at clinical lab:	Positive Undifferentiated		
Was the patient hospitalized?	No		<u>_</u>
Hospital name:		Hospital first date of ad	mission (mo/day/yr):
		Hospital last date of dis	charge (mo/day/yr):
Patient ID number:			
Was patient transferred?	Transfer facility name:		
Outcome: Alive	Treated with antib	piotics: No	
Antibiotic Name	Date Prescribed	Dose and Durat	<u>ion</u>
Outbreak: No		Outbreak Name:	x
Case found during audit: No			
Is case report complete: Yes			
If yes, date case report cor	npleted: 12/01/2021	Person completing case	report (initials): DSV
Did MDH receive a disease rep		· -	· ·

m

	Reportable E	Enteric Pathoge	en Case Report Fo	orm	
Patient ID Result ID 2021_11163 Person ID PBNFEKTP				-	EPARTMENT OF HEALTH
Patient's Name:					
Address: County				Cou	inty:
Phone No: (H)	(M)		(W)	(Other)	ł .
Sex: Female		Date of birth (n	no/day/yr):		
Race:		Ethnicity:			
Age: 15 if < 1 year, ag	e in months:				
Specimen collection date (m	o/day/year): 11/29/2	021	Clinical Lab Result		
Submitting lab:			Submitting Physicia	an:	
· · · · ·		• .	Phone:		
Source of Specimen: Stool			Physician address: Onset Da		
					· · · ·
State lab isolate ID number:		Date received in	laboratory:	Not	es:
Pathogen: Shiga Toxin-Pi	_				
Was the pathogen identified by cult	Ire? No		R results at MDH lab: $ightarrow$	ca-true	
Shiga toxin-producing? \mathcal{N}_{0}		PFGE:			
EIA results at clinical lab: Not teste Shiga toxin PCR results at clinical la		MLVA:			
Was the patient hospitalized	? NO				des stands
Hospital name:			Hospital first date of	•	
Potient ID number			Hospital last date of	of discharge (more	iay/yr):
Patient ID number: Was patient transferred?	Transfer facility n	ame:			
Outcome: Alive	Treated with	antibiotics: No			
Antibiotic Name	Date Prescrit	bed	Dose and	Duration	
Outbreak: No			Outbreak Name:		1
Case found during audit: No			· .		
Is case report complete: Yes	i -				
If yes, date case report o	completed: 11/30/20	21 F	Person completing o	case report (initial	s): DSV
Did MDH receive a disease r	eport card? Yes				

r

•

Date: 1/30/21 Interviewed in:	English Other:		Tennessen 💢
Interviewer: <u>CB</u>			
	STEC INTER	VIEW FORM	
Patient's Name (last, first):_			DOB:
Parent's Name (if child):			
Symptom History			
Blood in stool YN Joint P Cramps YN Fever YN Temp	Aches YN ain YN	Date of onset: (m Time of onset: (m Date of onset of c Time of onset of c	diarrhea: $11/2d/2d$ diarrhea: 0600 hea (days) <u>ongoin</u> g
Did you visit an emergency room for the Did you visit an outpatient clinic for this (e.g., urgent care, primary care) If hospitalized, did you stay in an Intens Were you treated with any antibiotics Antibiotic #1 Date prescribed:/ Start date/ End date/ Duration (days) Did you take the antibiotic before you submitted your stool culture? Yes D No D If yes, how many days before culture? or SAME DAY D	s illness? sive Care Unit (ICU) of	illness? Yes 🗆 No	If yes, how many times?
TRAVEL Did you travel internationally in the 6 Where: Departure: /Re Did anyone in your household travel i Where: Re Departure: /Re Did you travel during the week prior to Where:	eturn:// nternationally in the i eturn:// o illness, including im	- <u>6 months</u> prior to illne - migration/adoption?	Y N U ess? Y N U Y N U

WATER Did you have any well water in the w	eek bafora vour illpass?	Y (N) U
		\odot
Any bottled water?	ess:	v 🕅 11
Brand:		<u> </u>
	, pond, stream, river or other source?	Y (N) U
		/hen:
	pool, splash pad, or other water venue	Ph
Where:		/hen:
FOOD SOURCES		
or place where you purchased a live a Type of meat:		
Did you have any contact with pets (e	e.g., dogs, cats, reptiles, hedgehogs, rod	dents, or pet livestock such as
cnickens, pigs, or norses) at nome or	elsewhere (incl. school or someone else	
chickens, pigs, or horses) at home or Species	elsewhere (incl. school or someone else Describe contact	
n. Haardan aa daraa ka ku		e's home)?
Species		e's home)?
Species		GI illness in animal
Species Dog Puppy? Y N Cat Kitten? Y N		Gl illness in animal
Species Dog Puppy? Y N Cat Kitten? Y N Reptiles/amphibians Other:		Gl illness in animal Gl illness in animal GI Illness in animal GI ILLNESS IN GL U GI Y GI N GU GI Y GI N GU GI Y GI N GU Somes, rawhides, pig's ears, Y N U
Species Dog Puppy? Y N Cat Kitten? Y N Reptiles/amphibians Other: Did you feed your pet a raw meat die or cow hooves? Specify type:	Describe contact	Gl illness in animal

Did you live on a farm?		YNU
Specify type:		
Did you work on a farm?		Y (N) U
Location:	when:	
Did you visit a farm?		Y N U
Location:	when:	
Did you visit a fair, petting zoo, or other ve	nue with animals?	Y N U
Location:	when:	

	If yes to live/work/visit a farm or animal venue, were any of the following animals present? If yes, did you have contact with them?												
			Home	Work			Other Farm			Petting Zoo/Other Venues			
	Present – No Contact Contact		Describe Contact	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact	
Cow													
Goat													
Sheep													
Pig													
Chicken													
Turkey							. 🗆						
Other:													

A.

	heal illness prior to or following your illness? \mathbf{Y} (1
Who:	When:
CHILDCARE/PRESCHOOL	
Did you attend or work at a childcare/pre	eschool facility prior to or following illness? Y
Dates attended:	
Name of facility:	
Name of director:	Phone number:
Address:	
Did case attend while ill? Y N U If yes, when:)
Are you aware of other GI illness? If yes, detail:	
, ,	dcare employees: determine if any other children have been ill and to provide information and of illness. Do you have any concerns about disclosing your/your child's name
Tennessen readImage: Image: Image	do not have concerns
Additionally, because Shiga-toxin producin restrictions apply to children/adults with t	known childcare attendees/employees ONLY: ing <i>E. coli</i> can cause severe complications and can be easily spread at dayca this type of illness who attend/work at daycare. An epidemiologist will cont restrictions. You/your child may not attend daycare at this time.
Tennessen read	
If your child still has a	diarrhea, he/she may not attend daycare until fully recovered.
EVENTS	
Did you attend any large gatherings (wedd	ldings, receptions, showers, parties, festivals, fairs, etc)
Date: 11 25	.00 Location: Case's home
Type of event: ThanksgN	ing -
Foods served: Mrkey br	reast, ham, buns, green beans, banana crean pre
Anyone else ill? 🛛 Y 💢 N 🗍 U	' crean pie
	thers ill:

.

RESTAURANTS	
take out or delivery delis coffee shops	d trucks/stands al delivery kits
Name: Damino's (most likely)	Date: 1120 Time:
Address: Unke type of pizza Food/drink detail: pizza w bask	etball team (17 people)
Name: Chipotle	Date: 11 23 Time: ~1800
	Dr NW #100, Rochester, MW 5590
	-ile, cheese, lettuce, pico, maybe ch
Name: Starbucker	Date: 11 23 Fime: LUNCH
Address: Food/drink detail: Coffee (Unketype, Som	etimes has almind milk) chocolate covered
Name High School Cafeter	
Address:	
Food/drink detail: Unlenown - Scho	pollunch
Name:	Date: Time:
Address:	
Food/drink detail:	· · · · · · · · · · · · · · · · · · ·
Name:	Date: Time:
Address:	
Food/drink detail:	

*Please re-prompt for any non-restaurant exposures

* brother also went to Chipotle, was not sick. Had same order as Sister except his was a burrito, no pico and no lettuce.

5-DAY FOOD	HISTORY				
*Please pror	npt case with	previousl	y reported	l events and restauran	ts.
			Ate outside		
		Ate at	the		
Meal time	Meal	home	home	Outside location	Foods eaten
Date/day pri	ior to onset:	125		1	
	Breakfast				UNKNOWN
1200	Lunch	X			turkey ham, store-baught-
	Dinner				Phodes buns, arcenbeans,
	Other				turkey ham, Store-baught Phodes buns, green beans, bahand Creampie
Date: \\ [2	24				
nano.	Breakfast				UMEMOUS
	Lunch				
	Dinner				
	Other				
Date:	23	L		L	·
	Breakfast				
· ·	Lunch		X	Starbucks	coffee (unktype), choi overed croissint
~ 1900	Dinner		Ą	Starbucks Chipotle	(MX bow) we cheese letture, DICO
	Other				Chx bowl w/ cheese, lettuce, pico salsa, maybe chips
Date: 11(2	22				
	Breakfast				
	Lunch		Ŕ	School	unknown
	Dinner				
	Other				
Date: 11	21				
	Breakfast				Untensour
	Lunch				
	Dinner				
	Other				

						Where	Data
ltem	Y	N	м	Brand/description	Preparation	purchased/ consumed	Date Consumed
EGGS/DAIRY		1					
Eggs	X				hardboiled	any store, likely Hyve Kinik Th	e or
Prepared dish with eggs (e.g., egg bake, quiche, custard)		χ					5
Any batter with raw eggs (e.g., cookie dough)		X					
Did you or anyone in your household use flour in any baking or cooking?		X				· · · · · · · · · · · · · · · · · · ·	
Pasteurized cow's or goat's milk	X			1º lo milk		Kwiktripi Costco, Sam's	
Unpasteurized milk		X		6 Cheese on Dominos Ocheese on Bellatoria p	P122a	S)Hyver	61120
Shredded cheese	X			Ocheese on the bowl Drange bag of shredded ber Blarge bag shredded the BBOZ bags of mozzarelia + Of PEPPENJUCE	nd (like to Jack) War	Ochipotle Diosteo Granis Club	O 11/23
Block cheese or cheese slices (specify)	X			Pepperjude Slices	T. BIJOLOV C MAJEC DUMA	Sam's club	
String cheese or cheese curds		X					
Queso fresco or Mexican-style cheese		X					
Other cheeses (e.g., Gouda, blue, feta, chevre, brie, goat)		χ					
lce cream		X					
Frozen dessert treats		X					
Yogurt		-					

ltem	Y	N	м	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Milk alternatives (e.g., soy, almond, rice milk)		X		Sometimes gets almi Loffee at starbud	and the second		
Other dairy (e.g., cottage cheese, cream cheese, sour cream)		X					
MEAT/POULTRY/SEA	AFO	OD.	1				
Ground beef	X			from behind Meat counter (in Fareway walk-in cooler)	talos Chetture, Salsa)	(purchasedir)	Unk- maybe liko
If ground beef v	vasa	an iı	ngre	edient, specify type of dish:			oruha
-				cooked? 🗆 Raw 🖾 Rare (red in m			(no pink)
				packaged? 💢 Tube 🗆 Tray 🗆 Pre		er:	
Package size:			25	Percent lean (e.g., 80/20): <u>):</u>		
Veal		X					
Other beef (e.g., steak)		X					
Chicken (incl. ground)	X		(Dyeneric frienchibreast, Ochr bowi	Douted, chraitreds	Darm's Qub Baupotle	0 unkenight 2 11/23
Stuffed chicken product (e.g., chicken Kiev)		X					
Turkey (incl. ground)	X			pre-packaged turkey breast		Sam's	"125
Pork (e.g. ham, bacon)	X			bone-in hum		Costro	11/25
Lamb		X					
Sausage	χ	J		Bellatoria sausag	2 pizza	Hyvee	
Venison or other meat/poultry		X					
Fish (incl. sushi, ceviche)		X					
Shrimp		X					
Other seafood		X					

						Where	Data
Item	Y	N	м	Brand/description	Preparation	purchased/ consumed	Date Consumed
FROZEN PROCESSED	FO(ods	r				
Frozen dinners/ entrees (e.g., Lean Cuisine, pot pies)		X					
Frozen pizza	X			Bellatina Sausage p1222		Hyvee	
Other frozen, microwavable foods		X					
FRUITS (FRESH, FRO	ZEN,	, OR	DR	IED)			
Oranges		X					
Other citrus (e.g., grapefruit, lemon, lime, tangerine)	X			lemon + lime juice	pico salsa	Chipotle	11/23
Pears		X					
Apples		X					
Other tree fruit (e.g., apricot, plum, nectarine, peach)		X					
Strawberries		χ					
Other berries (e.g., blue, black, or raspberries)		X					
Grapes (specify color)		X					
Bananas	X			O Dole banana O banana cream Sinane Callend	DIE	Otyvee	011/25
Watermelon (specify seeds or seedless)		X		13 Marie Callend	ir fozer		-
Cantaloupe		X					
Honeydew or other melon		X					

ltem	Y	N	м	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Other fruit (e.g., mango, pomegranate, kiwi, pineapple)		X					
Unpasteurized apple cider		λ					
Fresh-squeezed, raw/unpasteurized juice, or smoothies		X					
Other juice		X					
VEGETABLES (FRESH	OR	FR()ZEI				1
Prepackaged salad (specify bag or clamshell)	X						
lceberg	X			icebero, shreds in red lacg (unic brand) · lettuce in chx bo	tacos	Hyvee	
Romaine	X			. lettuce in chx bo		Chipotle	11/23
Spinach		X			•		
Cabbage		X					
Other lettuce/leafy greens (e.g., spring mix, kale, arugula, Swiss chard, endive)		X					
Tomatoes (e.g., vine- on, heirloom, roma, beefsteak, grape, incl. on sandwich or salad)	X			tomato	pico Salsa	Chipotle	11/23
Cucumbers (e.g., English, garden, mini, Persian)		X					
Bell/sweet peppers (specify color/size)		X					
Hot peppers/chilies (incl. salsa, and other dishes)	X			jalapeño	pico Salba	Chipotle	11/23
Asparagus		X					

ltem	Y	N	м	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Celery		X					
Carrots (specify baby or normal)		X					
Radishes		χ					
Pea pods/snap peas		X					
Onions (red/white/yellow)	X			red onton	pico Salsa	Chipotle	11/23
Green onions/scallions		X				· · · · ·	
Broccoli		X					
Cauliflower		X					
Sprouts (e.g., alfalfa, bean, radish, clover)		γ					
Cilantro (incl. in fresh salsa and other dishes)	X			cilantro in chit bou		Chipstle	11/23
Other fresh herbs (e.g., basil, parsley, thyme, mint, sage)		X					
Mushrooms (e.g., white, portabella, crimini)		X					
Tofu/tempeh/ seitan		X					
Zucchini/summer squash (including spiralized)		Ń	1				
Other vegetables	X			Canned green beans		Hyvee	11/25
Pasta salad (ingredients/brand)	E	X					

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Potato salad (ingredients/brand)		X					
OTHER Nuts (e.g., almonds, pecans, walnuts, peanuts, cashews) -specify roasted, raw, in the shell		X					
Hummus or tahini (specify)		X					
Sesame seeds		X					
Other seeds (e.g., flax, sunflower, chia, hemp)		X					
Snacks such as soy nuts, corn nuts, chickpeas, wasabi peas		X					
Salsa	X			Opico Salso- Ofresh basil cilantro jurred sub- iscaled, bigger)) Cilantro, Onioni julapeño, tomatoj lemontlime juice,	Dohipotle DSam's	D11 23
Avocado (incl. guacamole)		X	•	jurred salso lsealed, big pr,	By tacos		
Recently purchased spices (e.g., black pepper, white pepper, paprika, oregano, cumin)		X					
Spice rubs or blends		X					
Peanut butter		X					
Chocolate	X	*		Chocolate - covered Croissant		Starbuckes	11/23
Trail mix or granola		X					
Chips, crackers, popcorn or other snack foods	Nº2		3 X	OCIUB cractures (1400 Deneerios		Deosteo Ocosteo	
	¥.			Stortilla Chips	(3Chipotle (31/23

ltem	Y	N	м	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Nutritional supplements, protein/whey powder, meal replacements	X			muthvitamin			
Anything didn't ask?	X			Chx Manored Vamen		unle-Costeo or <u>Sums</u> > prol	oubly Som!

ADULT CASES ONLY		
Did you have any sexual contact with a male?		Y N U
Did you have any sexual contact with a female?	YNU	
DEMOGRAPHICS		
For adult cases:	For child cases:	
Occupation:	School name/addre	
Name of employer:	Parent 1 occupation	
Address/city of employer:	Parent 2 occupation	
Work phone:		
All cases		
Languages spoken at home		
SENSITIVE OCCUPATION STATEMENTS		
Food workers: People continue to shed STEC in their stools after	they feel better and can still spread STEC to	
others. It is essential that you have excellent hand before handling foods to prevent transmitting STE apply to people with STEC infections who work in	d washing after going to the bathroom and EC to patrons. Work restrictions/exclusions may	
epidemiologist if restrictions apply to you.		Statement read
Healthcare workers:		

People continue to have STEC in their stools after they feel better and can still spread STEC to others. It is essential that you have excellent hand washing after going to the bathroom to prevent transmitting STEC to patients. Work restrictions/exclusions may apply to people with STEC infections who work in healthcare and have contact with patients. You will be contacted by an epidemiologist if restrictions apply to you.

Statement read

Only read if the case answered "yes" to any of the farm, fair, or petting zoo questions.

UMASH Study Reminder

During the interview you (or your child) reported exposure to farm animals prior to becoming ill. Because of this, someone else from MDH will be calling your back to see if you would be willing to answer some additional questions about your (your child's) farm animal exposure. MDH is part of an agricultural safety and health center housed at the University of Minnesota and we are trying to learn more about how to keep people healthy. Is there a specific day of the week or time of day that would be better to call you back? (If so, please indicate below).

Day of week (circle one):	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Time of day: [∃ am 🗆 pm	🗆 No pre	ference				
(for adult cases) If you are	e not availab	ole to talk wl	hen we call,	may we ask you	ur spouse/par	tner these	questions?
□ Yes □ No Na	ame:						
Notes:				sam su m			

IF CASE LIVES/WORKS ON A FARM (TIER 1):

- Is this a full-time or part-time operation? □ Full-time □ Part-time
 a. If full-time: Do you primarily: □ grow crops OR □ raise animals
 (Have them pick one. Whichever one is 51% or more of their sales)
 - b. If part-time, did the farm produce at least \$1,000 worth of product in the last year?
 Yes I No I DK

IF CASE VISITED A FARM (TIER 2):

1. What type of farm was it?

□ Raises livestock and/or poultry for a living

□ Hobby Farm

Backyard Poultry Only

Describe:_____

From:	Rounds, Joshua (MDH)
То:	#MDH_FWVZ_outbreak_notification
Subject:	Possible outbreak of E. coli O121 that may be associated with Romaine Lettuce
Date:	Thursday, December 16, 2021 3:49:22 PM

This email contains preliminary information. It is not intended for further distribution.

We are investigating a small cluster of *E. coli* O121 infections that may be associated with romaine lettuce served at Chipotle in Minnesota. The MDH Public Health Laboratory informed us of two cases that were highly related by whole genome sequencing (WGS) yesterday. The cases are an 18 year old and 21 year old from **Control**, and they both report illness onsets of 11/26. Neither case was hospitalized. Both report eating at different Chipotle locations in Rochester, MN. Washington state also has two cases that are closely related by WGS and both of their cases report eating leafy greens that include romaine lettuce at different Panera Bread locations in WA. Romaine lettuce appears to be the only ingredient that is in common between all four cases. Olmsted County Public Health has been notified, and their environmental health staff visited both Chipotle locations today to implement employee screening and collected invoices. The Minnesota Department of Agriculture has also been contacted and will conduct a traceback investigation for the romaine lettuce served at these two Chipotle locations.

Please let me know if you have any questions. Thank you!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





Of course, I did just hear from Olmsted County Public health that they have already collected them and are sending them over to me. But happy to still chat.

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083





From: Roslyn Stone <RStone@zerohourhealth.com>
Sent: Thursday, December 16, 2021 1:53 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Subject: 2:00?

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Can Kerry Bridges from Chipotle and i call you with trace back invoice questions?

Roslyn Stone | CEO Zero Hour Health A Corporate Wellness Company p: (800) 433-9594 www.zerohourhealth.com 1200 High Ridge Rd, Stamford, CT 06905

From:	Rounds, Joshua (MDH)
То:	Kerry Bridges; Ryan Dittoe; Roslyn Stone
Cc:	Medus, Carlota (MDH); Sorenson, Alida (MDA)
Subject:	RE: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving Chipotle
Date:	Wednesday, December 22, 2021 10:45:00 AM
Attachments:	WP Trace Data 090915.xls

Hello Kerry, Ryan, and Roslyn

Update on our end, we have interviewed 50 additional patrons from the information you provided. The patrons were primarily from the 11/20 Marketplace meal date/location. Nine reported a diarrheal illness however, only one of the illnesses could be consistent with an STEC infection based on the symptoms/incubation reported. We are planning to call a few additional patrons today, focusing on the 11/23 Broadway meal date/location and then be finished calling today.

Our Minnesota Department of Agriculture staff have been tracing back the romaine lettuce and it looks like all the romaine lettuce would have been from Reinhart Foods who received it from Taylor Farms in Salinas, CA. Interestingly we heard from our colleagues in WA that the Panera Bread romaine lettuce also traces back to Taylor Farms in Salinas, CA and they were able to get some more specific information such as growing location and harvest date. MDA has reached out to FDA as they are unable to continue the traceback at Taylors Farms on their own to get that detailed information. However I know you often also quickly traceback foods on your end. Have you done this for the romaine lettuce and if so were you able to get more detailed information beyond that it was packed at Taylor Farms in Salinas (I attached an example of what you provided way back during the S. Newport tomato investigation)? Finally, if so would you be willing to share that with us? I've included Alida Sorenson from MDA who has been working on the traceback on this email.

Thank you!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





From: Kerry Bridges <kerry.bridges@chipotle.com>
Sent: Saturday, December 18, 2021 12:46 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Cc: Roslyn Stone <RStone@zerohourhealth.com>; Medus, Carlota (MDH)
<carlota.medus@state.mn.us>; Ryan Dittoe <rdittoe@chipotle.com>
Subject: FW: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving

Chipotle

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Hi Josh,

Our IT team is working on the Digital Order information and should that over to you soon, but I wanted to let you know there will be no transaction data for the alleged visit of 11/25 as that was Thanksgiving Day and the restaurant was not open.

Please feel free to reach out directly on my cell if you have any questions over the weekend: 479-640-3134.

Thank you

Kerry

Kerry Bridges | Vice President, Food Safety and Quality

Chipotle Mexican Grill 610 Newport Center Drive, Suite 1300 Newport Beach, CA 92660

mobile 479-640-3134

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us
Sent: Thursday, December 16, 2021 1:59 PM
To: Roslyn Stone <<u>RStone@zerohourhealth.com</u>>
Cc: Medus, Carlota (MDH) <<u>carlota.medus@state.mn.us</u>>
Subject: Potential Foodborne Outbreak Involving Chipotle

Hi Roslyn,

I wanted to give you a heads up on a potential foodborne outbreak involving Chipotle. We are investigating a small cluster of *E. coli* O121 cases. So far there are two cases in MN and two cases in WA. The WA cases both ate at different locations of the same restaurant chain (not Chipotle) and the MN cases both ate at different Chipotle locations during the week prior to their illness onsets. The MN cases both become ill on 11/26. Neither case was hospitalized, developed HUS, and both are recovered. The first case ate food from the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location on 11/23 in the evening and on 11/25 at 2pm. The second case ate at the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location on 11/20. We need to call back both cases to get better details on the specific ingredients they would have consumed but both report romaine

lettuce which potentially matches what the WA cases ate. We are also planning to cross reference the foods reported to see if there are any other potential common ingredients like tomatoes, avocado, cilantro, jalapeno peppers, or onion, and then are likely planning to traceback any common ingredients shared by the MN and WA cases to see if they come from a common source.

I just let Olmsted County Environmental Health (the EH folks for both Chipotle locations) know about the investigation this morning and they are planning to go out to the two locations today to put in place an employee screening form (to screen for employee illness) and request invoices for the month prior to the MN cases meal dates from both locations. We are not planning to interview employees or have employees submit stool specimens for testing at this time.

I know you have been very helping to provide us with online order information for Chipotle patrons in previous investigations. Would you be able to assist us in getting online orders for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location for 11/23 and 11/25 and then the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location for 11/20?

Additionally, please let me know if you think it would be easier/faster to get invoices for foods received at the two Chipotle locations through you. Below are the dates we are requesting invoices for each location.

- 10/23 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- 10/20 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Please let me know if you have any questions. Thank you!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083





Note: This message is not from Chipotle. Always use caution when clicking on email attachments or links. Never enter your username, password, or any other confidential information into external email links.

From:	Kerry Bridges
To:	Rounds, Joshua (MDH); Ryan Dittoe; Roslyn Stone
Cc:	Medus, Carlota (MDH); Sorenson, Alida (MDA); John Crabill
Subject:	RE: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving Chipotle
Date:	Wednesday, December 22, 2021 3:46:17 PM
Attachments:	Chipotle Romaine Traceback Information 12222021.xlsx

Josh,

Please see attached details around the romaine traceback the FSQA team was able to obtain, I hope this is helpful. Copying <u>@John Crabill</u>, Director for FSQA, should you or Alida have any questions on this data. Please do keep me posted if you receive any updates, and feel free to pass my contact info along to FDA or anyone else regarding this investigation.

If we don't speak before, I hope you have a wonderful Holiday.

Kerry

Kerry Bridges | Vice President, Food Safety and Quality

Chipotle Mexican Grill 610 Newport Center Drive, Suite 1300 Newport Beach, CA 92660 mobile 479-640-3134

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Wednesday, December 22, 2021 11:39 AM
To: Kerry Bridges <kerry.bridges@chipotle.com>; Ryan Dittoe <rdittoe@chipotle.com>; Roslyn Stone
<RStone@zerohourhealth.com>
Cc: Medus, Carlota (MDH) <carlota.medus@state.mn.us>; Sorenson, Alida (MDA)
<alida.sorenson@state.mn.us>
Subject: [EXTERNAL] RE: Attorney client privileged communication FW: Potential Foodborne
Outbreak Involving Chipotle

Hi Kerry,

Sure, so we are asking the patrons if they "Have you been sick with diarrhea since 11/20/21?" and then if they say yes we get details on the symptoms. We are then asking what foods they would have eaten at Chipotle. The one patron with an illness that is compatible with STEC, became ill on 11/23 after eating a burrito bowl with steak, white rice, cheese, sour crème, chips at the Marketplace location on 11/20. Interestingly, they did not report eating lettuce and that is consistent with the ingredients listed in the order information. They reported having diarrhea for 11 days, no bloody stools or additional symptoms beyond cramping. They did report visiting a physician for this illness

but no stool specimen was collected, they were not hospitalized, and have since recovered.

Thank you for that info about the traceback. I think we'll let FDA take over from here, they were on a call yesterday and sounded interested in pursuing this further. I just wanted to check to see if you already potentially had the info.

Since my email this morning, we have finished calling patrons. We ended up interviewing 70 patrons and only the one that I discussed in detail above would fit with potentially having an STEC infection.

We are planning to wait to see what the final traceback information shows, but I will reach out if we see any additional cases associated with Chipotle in MN.

Thank you again for all your help!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083



? ? ? ? ?

From: Kerry Bridges <<u>kerry.bridges@chipotle.com</u>>
Sent: Wednesday, December 22, 2021 12:38 PM
To: Rounds, Joshua (MDH) <<u>ioshua.rounds@state.mn.us</u>>; Ryan Dittoe <<u>rdittoe@chipotle.com</u>>;
Roslyn Stone <<u>RStone@zerohourhealth.com</u>>
Cc: Medus, Carlota (MDH) <<u>carlota.medus@state.mn.us</u>>; Sorenson, Alida (MDA)
<alida.sorenson@state.mn.us>
Subject: RE: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving Chipotle

Hi Josh,

Appreciate the update. Would you be able to share what questions these guests were asked and any further information from the one case who alleged STEC infection symptoms (name, ingredients, symptoms, onset time, did they seek medical attention)?

For romaine traceback information, I would think Taylor Farms should be able to narrow down romaine that went to our DC and Panera's DC quicker than any of us. When we reached out to Taylor Farms last week, they weren't aware of any investigation. Is there anything we can do to get you or Alida in touch with the right contacts? The information our FSQA team pulls comes directly from Taylor, so again I think working with them would save time, but happy to help anyway we can.

Thanks!

Kerry Bridges | Vice President, Food Safety and Quality

Chipotle Mexican Grill 610 Newport Center Drive, Suite 1300 Newport Beach, CA 92660 mobile 479-640-3134

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Wednesday, December 22, 2021 8:46 AM
To: Kerry Bridges <kerry.bridges@chipotle.com>; Ryan Dittoe <rdittoe@chipotle.com>; Roslyn Stone
<RStone@zerohourhealth.com>
Cc: Medus, Carlota (MDH) <carlota.medus@state.mn.us>; Sorenson, Alida (MDA)
<alida.sorenson@state.mn.us>
Subject: [EXTERNAL] RE: Attorney client privileged communication FW: Potential Foodborne
Outbreak Involving Chipotle

Hello Kerry, Ryan, and Roslyn

Update on our end, we have interviewed 50 additional patrons from the information you provided. The patrons were primarily from the 11/20 Marketplace meal date/location. Nine reported a diarrheal illness however, only one of the illnesses could be consistent with an STEC infection based on the symptoms/incubation reported. We are planning to call a few additional patrons today, focusing on the 11/23 Broadway meal date/location and then be finished calling today.

Our Minnesota Department of Agriculture staff have been tracing back the romaine lettuce and it looks like all the romaine lettuce would have been from Reinhart Foods who received it from Taylor Farms in Salinas, CA. Interestingly we heard from our colleagues in WA that the Panera Bread romaine lettuce also traces back to Taylor Farms in Salinas, CA and they were able to get some more specific information such as growing location and harvest date. MDA has reached out to FDA as they are unable to continue the traceback at Taylors Farms on their own to get that detailed information. However I know you often also quickly traceback foods on your end. Have you done this for the romaine lettuce and if so were you able to get more detailed information beyond that it was packed at Taylor Farms in Salinas (I attached an example of what you provided way back during the S. Newport tomato investigation)? Finally, if so would you be willing to share that with us? I've included Alida Sorenson from MDA who has been working on the traceback on this email.

Thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083

DEPARTMENT OF HEALTH



From: Kerry Bridges <kerry.bridges@chipotle.com>
Sent: Saturday, December 18, 2021 12:46 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Cc: Roslyn Stone <RStone@zerohourhealth.com>; Medus, Carlota (MDH)
<ccarlota.medus@state.mn.us>; Ryan Dittoe <rdittoe@chipotle.com>
Subject: FW: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving
Chipotle

This message may be from an external email source. Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

Hi Josh,

Our IT team is working on the Digital Order information and should that over to you soon, but I wanted to let you know there will be no transaction data for the alleged visit of 11/25 as that was Thanksgiving Day and the restaurant was not open.

Please feel free to reach out directly on my cell if you have any questions over the weekend: 479-640-3134.

Thank you

Kerry

Kerry Bridges | Vice President, Food Safety and Quality

Chipotle Mexican Grill 610 Newport Center Drive, Suite 1300 Newport Beach, CA 92660 mobile 479-640-3134

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 1:59 PM

To: Roslyn Stone <<u>RStone@zerohourhealth.com</u>>
Cc: Medus, Carlota (MDH) <<u>carlota.medus@state.mn.us</u>>
Subject: Potential Foodborne Outbreak Involving Chipotle

Hi Roslyn,

I wanted to give you a heads up on a potential foodborne outbreak involving Chipotle. We are investigating a small cluster of *E. coli* O121 cases. So far there are two cases in MN and two cases in WA. The WA cases both ate at different locations of the same restaurant chain (not Chipotle) and the MN cases both ate at different Chipotle locations during the week prior to their illness onsets. The MN cases both become ill on 11/26. Neither case was hospitalized, developed HUS, and both are recovered. The first case ate food from the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location on 11/23 in the evening and on 11/25 at 2pm. The second case ate at the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location on 11/20. We need to call back both cases to get better details on the specific ingredients they would have consumed but both report romaine lettuce which potentially matches what the WA cases ate. We are also planning to cross reference the foods reported to see if there are any other potential common ingredients like tomatoes, avocado, cilantro, jalapeno peppers, or onion, and then are likely planning to traceback any common ingredients shared by the MN and WA cases to see if they come from a common source.

I just let Olmsted County Environmental Health (the EH folks for both Chipotle locations) know about the investigation this morning and they are planning to go out to the two locations today to put in place an employee screening form (to screen for employee illness) and request invoices for the month prior to the MN cases meal dates from both locations. We are not planning to interview employees or have employees submit stool specimens for testing at this time.

I know you have been very helping to provide us with online order information for Chipotle patrons in previous investigations. Would you be able to assist us in getting online orders for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location for 11/23 and 11/25 and then the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location for 11/20?

Additionally, please let me know if you think it would be easier/faster to get invoices for foods received at the two Chipotle locations through you. Below are the dates we are requesting invoices for each location.

- 10/23 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- 10/20 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Please let me know if you have any questions. Thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH



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From:	Ryan Dittoe
To:	Rounds, Joshua (MDH); Kerry Bridges
Cc:	Roslyn Stone, Medus, Carlota (MDH)
Subject:	Re: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving Chipotle
Date:	Monday, December 20, 2021 7:57:52 PM
Attachments:	MN DOH Request.xlsx

Hi Josh,

Attached is the requested digital order data. As Kerry mentioned, we did not have any transactions at the Broadway location on 11/25 because we were closed for Thanksgiving. Please note that we do not have customer name or phone number for third party orders (DoorDash, GrubHub, etc.).

Please keep us informed as the investigation continues.

Thank you,

Ryan Dittoe | Director, Restaurant Food Safety & QA

Chipotle Mexican Grill 500 Neil Ave., Suite 400, Columbus, OH 43215 cell 765.491.7642

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Monday, December 20, 2021 7:38 AM
To: Kerry Bridges <kerry.bridges@chipotle.com>
Cc: Roslyn Stone <RStone@zerohourhealth.com>; Medus, Carlota (MDH)
<carlota.medus@state.mn.us>; Ryan Dittoe <rdittoe@chipotle.com>
Subject: [EXTERNAL] RE: Attorney client privileged communication FW: Potential Foodborne
Outbreak Involving Chipotle

Hi Kerry,

Thank you for that update! We will reach back out to the case to see if they can check their online credit card statement to provide a more accurate second meal date. I would say we were definitely more interested in that case's 11/23 meal date just based on what we usually see for an STEC incubation.

Thanks again!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





From: Kerry Bridges <kerry.bridges@chipotle.com>
Sent: Saturday, December 18, 2021 12:46 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Cc: Roslyn Stone <RStone@zerohourhealth.com>; Medus, Carlota (MDH)
<carlota.medus@state.mn.us>; Ryan Dittoe <rdittoe@chipotle.com>
Subject: FW: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving Chipotle

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Thank you

Kerry

Kerry Bridges | Vice President, Food Safety and Quality

Chipotle Mexican Grill 610 Newport Center Drive, Suite 1300 Newport Beach, CA 92660 mobile 479-640-3134

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Sent: Thursday, December 16, 2021 1:59 PM
To: Roslyn Stone <<u>RStone@zerohourhealth.com</u>>
Cc: Medus, Carlota (MDH) <<u>carlota.medus@state.mn.us</u>>
Subject: Potential Foodborne Outbreak Involving Chipotle

Hi Roslyn,

I wanted to give you a heads up on a potential foodborne outbreak involving Chipotle. We are

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- 10/20 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Please let me know if you have any questions. Thank you!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





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You are the best, Josh.

Carlota Medus, PhD, MPH

Epidemiologist Supervisor Sr. | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5527 | Mobile: 651-285-6034

DEPARTMENT OF HEALTH



From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Wednesday, December 22, 2021 9:56 AM
To: Smith, Kirk (MDH) <kirk.smith@state.mn.us>
Cc: Medus, Carlota (MDH) <carlota.medus@state.mn.us>
Subject: RE: Chipotle electronic records

Sounds good, I'll reach out to them today to see what they have. Alida mentioned they had already reached out to Reinhart so I think they are doing their own traceback as well.

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083

DEPARTMENT OF HEALTH



From: Smith, Kirk (MDH) <kirk.smith@state.mn.us>
Sent: Tuesday, December 21, 2021 4:50 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Cc: Medus, Carlota (MDH) <carlota.medus@state.mn.us>
Subject: Chipotle electronic records

so in the 2015 Salmonella Newport tomato Chipotle outbreak, Chipotle was able to come up with the attached amazing document pretty quickly. I would think Alida would remember. Maybe you

guys could talk to corporate and get something similar? It wouldn't have to be nearly this extensive given the limited number of locations and dates.

Kirk Smith, DVM, MS, PhD

Manager – Foodborne, Waterborne, Vectorborne, and Zoonotic Diseases Section

Minnesota Department of Health Office: 651-201-5240 kirk.smith@state.mn.us





I can definitely reach out and ask.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Wednesday, January 12, 2022 10:31 AM
To: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>
Subject: RE: Chipotle Records Verification

Hi Erin,

Yes, that is the story that we have. The store was unable to provide an invoice for 11/22. I'm not sure who is correct, the initial spreadsheet (and the store is just unable to locate the invoice) or the store and there wasn't a shipment on that date. From looking at the other invoices, they seem to get a delivery every 3-4 days (every Monday and Thursday) so that gap from 11/18 to 11/24 seems longer than usual which makes me suspect that they did get a delivery on 11/22. I wonder if Reinhart would be able to provide it?

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





From: Smilanich, Erin (MDA) <<u>erin.smilanich@state.mn.us</u>>
Sent: Wednesday, January 12, 2022 10:14 AM
To: Rounds, Joshua (MDH) <<u>joshua.rounds@state.mn.us</u>>
Subject: Chipotle Records Verification

Hey Josh-

CORE has asked for verification on a date and I wanted to touch base with you to make sure we are correct.

We had initially indicated that Chipotle received a shipment on 11/22 however, we did not provide invoices for that day. When we requested invoices, the shift manager stated that the invoices were not available and she suspected they did not receive a shipment on 11/22.

Do we just tell CORE to delete that day from the spreadsheet?

Thanks for your help!

Erin

Erin Smilanich (she, her, hers) Rapid Response Team and Recall Coordinator Cell: 651-302-2905 Email: erin.smilanich@state.mn.us www.mda.state.mn.us DEPARTMENT OF



From:	Chowdhury Sagar
To:	Rounds Joshua (MDH)
Subject:	RE: Chipotle Request
Date:	Thursday, January 6, 2022 1:12:40 PM
Attachments:	image008.png

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Thanks for the update Joshua. Let me take a look at the invoices, I can request them no problem if I don't have them.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
 Sent: Thursday, January 6, 2022 1:11 PM
 To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
 Subject: FW: Chipotle Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. Hello,

I wanted to give you an update on the Chipotle investigation, some preliminary traceback investigation indicated that the romaine for the two Chipotle locations and the Panera locations both come from Taylor's Farms in Salinas CA. FDA has taken over the traceback to hopefully identify a common grower/field.

One question came up, records from Reinhart indicated that the Broadway Chipotle location would have received a shipment on 11/18 and 11/22 but we don't see those two invoices in the pdf that you sent. Could you check to see if you have it and it just didn't make it into the pdf or if you don't have it would you be able to request it from the Broadway Chipotle location? FDA is requesting those two invoices for their traceback.

Thank you and happy new year!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





From: Smilanich, Erin (MDA) <<u>erin.smilanich@state.mn.us</u>> Sent: Thursday, January 6, 2022 12:04 PM To: Rounds, Joshua (MDH) <<u>joshua.rounds@state.mn.us</u>> Subject: Chipotle Request

Hey Josh!

FDA just requested more information on some invoices from Chipotle. Could you get in touch with the Broadway location and get the invoices for 11/18 and 11/22? The official request is copied below:

In reviewing the TB received from Chipotle, it appears that invoices for 11/18/21 & 11/22/21 is missing for the Chipotle Broadway location. CORE sees those dates listed in in the Excel spreadsheet, but the invoices are not in the PDF files. For reference, I have attached the files (pg. 50 jumps from 11/15/21 invoice to 11/24/21 invoice) and have a screen shot of the missing invoices (also highlighted in the Excel for your reference).

024070	100	11/11/21	240-000	3074 CHIPOTEE #043-ROUHESTER	007-020-0404 R0724	LETTOGE ROMAINE ERECHT
831165	136	11/18/21	245-090	9074 CHIPOTLE #649-ROCHESTER	507-529-5484 R0724	LETTUCE ROMAINE FRESH
836738	66	11/22/21	222-090	9074 CHIPOTLE #649-ROCHESTER	507-529-5484 R0724	LETTUCE ROMAINE FRESH

Did Chipotle provide invoices for 11/18/21 and 11/22/21? If yes, send them to me!

Thank you!! Erin Smilanich (she, her, hers) Rapid Response Team and Recall Coordinator Cell: 651-302-2905

Email: erin.smilanich@state.mn.us



From:	Chowdhury Sagar							
To:	Rounds Joshua (MDH)							
Subject:	RE: Chipotle Request							
Date:	Thursday, January 6, 2022 3:15:45 PM							
Attachments:	image008.png							
	Chipotle South 11.18.21.pdf							
	Chipotle South 11.24.21.pdf							

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My inspector sent the following.

(As requested.) Please note the dates provided – 11/22 was not available so the shift manager printed 11/18 and 11/24. She suspects there was no order for 11/22. Please let me know if there is more information needed.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, January 6, 2022 1:11 PM

To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US> Subject: FW: Chipotle Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. Hello,

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Thank you and happy new year!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





From: Smilanich, Erin (MDA) <<u>erin.smilanich@state.mn.us</u>>
Sent: Thursday, January 6, 2022 12:04 PM
To: Rounds, Joshua (MDH) <<u>joshua.rounds@state.mn.us</u>>
Subject: Chipotle Request

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02407	0 100	10/10/21	240-000	3014 CHIFOTEL #043-ROCHESTER	307-328-3404 R0724	LETTUGE ROMAINE EREST
83116	5 136	11/18/21	245-090	9074 CHIPOTLE #649-ROCHESTER	507-529-5484 R0724	LETTUCE ROMAINE FRESH
83673	8 66	11/22/21	222-090	9074 CHIPOTLE #649-ROCHESTER	507-529-5484 R0724	LETTUCE ROMAINE FRESH

Did Chipotle provide invoices for 11/18/21 and 11/22/21? If yes, send them to me!

Thank you!! *Erin Smilanich (she, her, hers)* **Rapid Response Team and Recall Coordinator** Cell: 651-302-2905 Email: <u>erin.smilanich@state.mn.us</u> www.mda.state.mn.us





From:	Net x, Beth 2 (COM
Te:	Banch John (1911): MCMM: Zohner Zohner (2005): Steven Law at (2001): Metal Ania Color: Metal Ania Color: Metal Ania Color: Metal Ania Color: Steven Law (2001): Steven Law (2001
Subject:	RE: E. cil 0121 case nvest gation
Date:	Thunday December 15: 2021 2:51:53 PM
Attachments:	Instances and a second s
	Insurfaces
	InsetClass
	Insufficience Promo Sale Danci entri 2 16 1 1

Thanks Josh. Attached is an ingredient list from Panera. It doesn't look like our cases had any of the ingredients that would be consistent with that Chipotie salsa.

Beth

Frem: Rounds Joshus (MDH)-gipshua.rounds@state_mn.us> Sent: Thursdey December 15 2021 12:44 PM Tic: Nelsius Eehn (DOH)-desh.hulle@DOH.WA.80V:: Mozhmic Zachary (DOQ/DDID/NGE2D/DFWED)-qbc8@cdc.goo: Stewart: Laurie K (DOH)-duaurie.Stewart@DOH.WA.80V:: Marshall Nicole C (DOH)-duaurie.shall@doh.wa.goo: Medu: Carlota (MDH) can/da.medus@state_mn.us; Decuir Marijke (MDH)-dmarijke.decuir@state_mn.us; Saupe Amy (MDH)-damy.saupe@state_mn.us; DOH DCHS CDEPI Enteric cDOHDOHSCDEPIEnteric@doh.wa.goo: DOH EPH Food Safety@DOH.WA.80V; Graham Joe M (DOH) cdo: Gmaham@DOH.WA.80V; Schelier: Belginnin (DOC/DDID/NCE2D/DFWED)-qab2@cdc.goo; Shetton Suzan E (DOH)-cuzan.shetton@doh.wa.goo; Habrun Caroline (COC/DDID/NCE2D/DFWED) chtv@@cdc.goo; Chiller: DF 2: doi:10.1016/j.0016/JNCE2D/DFWED)-qab2@cdc.goo; Shetton Suzan E (DOH)-cuzan.shetton@doh.wa.goo; Habrun Caroline (COC/DDID/NCE2D/DFWED) chtv@@cdc.goo; Subject: RE: E. coli O121 case investigation

External Email

Hi Beth

Sorry I think I forgot to respond to you on this. Our RRT folks asked us to collect invoices for the month before the case's meal date so that's what we went with.

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

From: Melius Beth J (DOH) <Beth.Mel MDOH.WA.GOV>

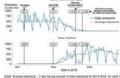
Prom: Melius aetra JUUHY (SEED-STREAMENDER-MARKANS Subject: RE: E. coli O121 case investigation

Thanks Josh! Interesting information from your cases with Objecte (and leafy greens) exposure. We have been working with local jurisdictions and WSDA to get invoices for the ingredients that we know are common among our two cases that ate at Panera. I thought we would go back 3-4 weeks from meal date for those?

Didn't we have a leafy greens outbreak a while back that was 0121? Maybe those are historical isolates from that? Also the meal dates are right around the time leafy greens switch from CA to AZ and I feel like we always see dusters during the change.

Laurie found this:

LS. Food a	pments from Yuma, Arizona e d Drug Administration admini	ories to evoid	rumping bills	to during the fail	١.
2018 extern	A of Shighteen producing S	Incheriphia ca	disasteriated -	with sumaine bell	



Robes: Aussign of lightents. - 7-day moving pureage of daily steps this was considered as the framework of the bally average over the 1-d logge after sections. Assoc. Source USES, Economic Research Service categories away (J Service data Controls for Classes Criefs and Prevention data. Presents Service catcolitone using USDA, Agroutural Mark

I'll keep you posted with whatever information we receive

Thanks! Beth

From: Rounds Joshua (MDH) <joshua r s@state mn us>

From: Rounds Joshua (MDH) gozbua rounsessate mu up-Sent: Thursday December 15 2012 1018 AM Te: McCommic Zachary (DOC/DDID/NGEZD/DFWED) sqlstafficic goo; Melus Beth J (DOH) state Melus@DOH.WA.GO); Stewart Laurie K (DOH) state 328441@DOH.WA.GO); Marshall Nicole C (DOH) scient mascha IBdoh.wa.goo; Melus Beth J (DOH) state mu up; Stewart Laurie K (DOH) state 328441@DOH.WA.GO); Marshall Nicole C (DOH) scient mascha IBdoh.wa.goo; Melus Beth J (DOH) state mu up; Stewart Laurie K (DOH) state mu up; DOH DOH SCIENTER (Stewart)@DOH.WA.GO); Marshall Nicole C (DOH) scient mascha IBdoh.wa.goo; Melus Beth J (DOH) state mu up; Stewart Laurie K (DOH) state mu up; DOH DOH SCIENTER (SteWart)@DOH.WA.GO); Marshall Nicole C (DOH) scient mascha IBdoh.wa.goo; Melus Beth J (DOH) state mu up; Stewart Laurie K (DOH) state mu up; DOH DOH SCIENTER (SteWart)@DOH.WA.GO); Stevart Laurie K (DOH) state mu up; DOH DOH SCIENTER (SteWart)@DOH.WA.GO); Stevart Laurie K (DOH) state mu up; DOH DOH SCIENTER (SteVart)@DOH.WA.GO); Stevart Laurie K (DOH) state mu up; DOH DOH SCIENTER (SteVart)@DOH.WA.GO); Stevart Laurie K (DOH) state mu up; Stevart)@DOH.WA.GO); Stevart Laurie K (DOH) state mu up; DOH DOH SCIENTER (Stevart)@DOH.WA.GO); Stevart Laurie K (DOH) state mu up; Stevart)@DOH.WA.GO); Stevart Laurie K (Stevart)@DOH.WA.GO); Steva

External Email
I was able to look more closely at the other indeter and they do appear to be from previous wasn

				KY20-										
		MICL20-		104596541-	MICL20-		MICL17-			MNH21-		MNH21-		
CEMLST	OH2020006735	167569	WAWA0454276	1312	167561	WAWA0457853	165437	OR19112606834	AZAZ00060508	16885	WAWA0697014	16904 \	WAWA0697354	UT1070418
OH2020006735	0	0	0	0	1	2	3	3	3	2	2	2	2	4
MICL20-167569	0	0	0	0	1	2	3	3	3	2	2	2	2	4
WAWA0454276	0	0	0	0	1	2	3	3	3	2	2	2	2	4
KY20-104596541-														
1312	0	0	0	0	1	2	3	3	3	2	2	2	2	4
MICL20-167561	1	1	1	1	0	1	2	2	2	1	1	1	1	3
WAWA0457853	2	2	2	2	1	0	3	3	3	2	2	2	2	4
MICL17-165437	3	3	3	3	2	3	0	0	0	1	1	1	1	1
OR19112606834	3	3	3	3	2	3	0	0	0	1	1	1	1	1
AZAZ00060508	3	3	3	3	2	3	0	0	0	1	1	1	1	1
MNH21-16885	2	2	2	2	1	2	1	1	1	0	0	0	0	2
WAWA0697014	2	2	2	2	1	2	1	1	1	0	0	0	0	2
MNH21-16904	2	2	2	2	1	2	1	1	1	0	0	0	0	2
WAWA0697354	2	2	2	2	1	2	1	1	1	0	0	0	0	2
UT1070418	4	4	4	4	3	4	1	1	1	2	2	2	2	0

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

From: Rounds Joshus (MDH) Sent Thursday December 15 2021 11:34 AM To: McComic Zashary (Coc/DOID/NCED/D/PWED) <<u>quisiBioic.goo;</u> Melius Beth J [DOH) <<u>Beth MeliusBiDOH.WA.00</u>; Stewart Laurie K (DOH) <<u>Bunie Stewart/BiDOH.WA.00</u>; Marshall Nicole C (DOH) <<u>quice marsha lifetoh wa gou</u>; Medus Carlota (MDH) <<u>Carlota mediuditate mu</u>uu; DoH DOHS COEPT Enteric: <u>QDHCOHSCOEPEInteric/Bioh.wa.gou</u>; DOH EPH Food Safety <u><Cock Safety(BiOH.WA.00</u>; Graham Joe M (DOH) <<u>Carlota mediuditate mu</u>uu; DOH DOHS COEPT Enteric: <u>QDHCOHSCOEPEInteric/Bioh.wa.gou</u>; DOH EPH Food Safety <u><Cock Safety(BiOH.WA.00</u>; Graham Joe M (DOH) <<u>Cock Baham/BiOH: WA.00</u>; Schneider Benjamin (COC/DOID/NCEZD/DFWED) <<u>quiziBiot.gou</u>; Shetton Susan E (DOH) <<u>uuan sheton/Bioh wa gou</u>; Habrun Caroline (COC/DOID/NCEZD/DFWED) <<u>chi:Bible: Cock Safety(BiOH.WA.00</u>; Shetton Susan E (DOH) <<u>cuuan sheton/Bioh wa gou</u>; Habrun Caroline (COC/DOID/NCEZD/DFWED) <<u>chi:Bible: Cock Safety(BiOH.WA.00</u>; Shetton Susan E (DOH) <<u>cuuan sheton/Bioh wa gou</u>; Habrun Caroline (COC/DOID/NCEZD/DFWED) <<u>chi:Bible: Cock Safety(BiOH.WA.00</u>; Shetton Susan E (DOH) <<u>cuuan sheton/Bioh wa gou</u>; Habrun Caroline (COC/DOID/NCEZD/DFWED) <<u>chi:Bible: Cock Safety(BiOH.WA.00</u>; Shetton Susan E (DOH) <<u>cuuan sheton/Bioh wa gou</u>; Habrun Caroline (COC/DOID/NCEZD/DFWED) <<u>chi:Bible: Cock Safety(BiOH.WA.00</u>; Shetton Susan E (DOH) <<u>cuuan sheton/Bioh wa gou</u>; Habrun Caroline (COC/DOID/NCEZD/DFWED) <<u>chi:Bible: Cock Safety(BiOH.WA.00</u>; Shetton Susan E (DOH) <<u>cuuan sheton/Bioh wa gou</u>; Habrun Caroline (COC/DOID/NCEZD/DFWED) <<u>chi:Bible: Cock Safety(BioH.WA.00</u>; Shetton Susan E (DOH) <<u>cuuan sheton/Bioh wa gou</u>; Habrun Caroline (COC/DOID/NCEZD/DFWED) <<u>cuuan sheton/Bioh wa gou</u>; Habrun Caroline (COC/DOID/NCEZD/DFWED) <<u>cuuan sheton/Bioh wa gou</u>; Habrun Caroline (COC/DOID/NCEZD/DFWED) <<u>cuun sheton/Bioh wa gou</u>; Habrun Caroline (COC/DOID/NCEZD/DFWED) <<u>cuun sheton/Bioh wa gou</u>; Habrun Caroline (COC/DOID/NCEZD/DFWED) <<u>cuu sheton/Bioh wa gou</u>; Habrun Caroline (COC/DOID/NCEZD/DFWED) <<u>cuu sheton/Bioh wa </u> Subject: RE: E. coli O121 case investigation

Good morning!

I have an MN update both of our cases report eating at different Chipote locations! We are planning to call back both cases with a Chipote specific interview to get details on things like salas which may have been missed on the initial interviews (deta is in the table below). However both cases report romaine lettuce at Chipote and believe both WA cases would have eaten the same leady green mix including romaine lettuce at Panens Bread is that correct? On the MN side we are planning to get invoices for these two Chipote locations to pursue a traceback investigation with WA MR7 F/AM. Would WA be interviewed at Chipote? I'm thinking things like tomatoes avoid have exceed clanto jalapeno pepers and onion. ures? Are there any other ingredients that the two WA cases would

Lab ID	MEDSS	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21- 16904	111703389	18			No	11/30	11/26	No	Parents dog	Aldi Costco Welmart	Chipotle (1201 Broadway Ave 5 Ste 60, Rochester, MN) (11/23) 2440 Burrito bow (steak & chu, lettuce, cheese, sour cream) (11/25) 1350 Tacos (steak & chu lettuce, cheese, sour cream) Kumo Sushi (11/21) Soly Steak (11/21) Soup beet maybe other things Chia-Fil-A (11/24) Siry chan andwich (w/ lettuce & tomato) chicken tenders	Other leafy greens exposures: Prepaciaged saled that included romaine hearts from Walamart. May have eaten saled at Hubbell House
H21- 16885	111614491	21			No	11/28	11/26	No	Unknown	Unknown	11/20 Chipote (3780 Marketplace Dr Nw Ste 100 Rochester MN Bowl - Rice Lettuce Chicken Cheese Salsa Sour Cream Smoked Brücket 11/37 Dominos Pizza Popperoni Pizza Cheesy Bread	Dase refused full interview but answered limited questions about restaurants

Additionally I had requested that our lab double check to ensure that our cases were 0 alleles from the WA cases (even though they have the same allele code) and they sent me this (below). I haven't had time to see when the other cases that are 1-2 alleles from the MN and WA isolates are from and some might be old. Zach maybe you already did this but do you want to reach out to the PulseNet folds to see if there are any other recent cases that are within a few alleles of the WA/MN cases? It would seem a little strange to have a commercially distribut foodborne outbreak to pop up in only WA and MN without other additional states. ercially distributed

				KY20-										
		MICL20-			MICL20-		MICL17-			MNH21-		MNH21-		
CEMIST	OH2020006735	167569	WAWA0454276	1312	167561	WAWAD457853	165437	OR19112606834	AZAZ00060508	16885	NAWA0697014	16904	WAWA0697354	UT_1070418
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MNH21-16885	2	2	2	2	1	2	1	1	1	0	0	0	0	2
WAWA0697014	2	2	2	2	1	2	1	1	1	0	0	0	0	2
MNH21-16904	2	2	2	2	1	2	1	1	1	0	0	0	0	2
WAWA0697354	2	2	2	2	1	2	1	1	1	0	0	0	0	2
UT 1070418	4	4	4	4	3	4	1	1	1	2	2	2	2	0

Let me know if you have any questions.

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

From: McCormic Zachary (000/D010/N0E2D0/DFWED) <a href="https://www.com/selfstate.gov/self-truition/www.com/selfstate.gov/self-truition/www.com/selfstate.gov/self-truition/www.com/selfstate.gov/self-truition/www.com/selfstate.govv/selfstate.govv/selfstate.govv/selfstate.govv/selfst Schneider Benjamin (CDC/DDID/NCEZID/D Subject: RE: E. coli O121 case investigation

Thanks Beth and Josh

I'll be in touch!

Zach

From: Melius Beth J (DOH) <Beth.Mel BOOH.WA.GOV

From: Neilus Beth J(DOH) (deth.Medica@DOH.WA.GOL)> Sent: Thrustyp December 15: 0021937 AM To: Rounds Joshua (MDH) (deth.Medica@DOH.WA.GOL)> (MCOmic Zachary (DOC/DDID)/NGEZID/DFWED) https://www.specificade.gou; Stewert Laurie K (DOH) ODIS ODEP (Enteric-QDHDOHSCOEPEInteric-Bioth.ws.gou;) DOH EPH Food Stety https://www.specificade.gou; Stewert Laurie K (DOH) ODIS ODEP (Enteric-QDHDOHSCOEPEInteric-Bioth.ws.gou;) DOH EPH Food Stety https://www.specificade.gou; Stewert Laurie K (DOH) ODIS ODEP (HotOHSCOEPEInteric-Bioth.ws.gou;) DOH EPH Food Stety https://www.specificade.gou; Stewert Laurie K (DOH) ODIS ODEP (HotOHSCOEPEInteric-Bioth.ws.gou;) DOH EPH Food Stety https://www.specificade.gou; Stewert Laurie K (DOH) ODIS ODEP (HotOHSCOEPEInteric-Bioth.ws.gou;) DOH EPH Food Stety ; Graham Joe M (DOH)

Not yet in WA.

Beth

External Email

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit

Minnesota Department of Hea Office: 651-201-5083

From: McCormic Zachary (CDC/DDID/NCEZID/DFWED) ackesmic.com

Sent: Thursday December 16 2021 8:23 AM

Announce of Uncomposed Statut GEAM The Round Statute (NDM) (spatial company): Stewart Laurie 10(DH) (spatial company): Anothell Nick C (DOH) (spatial company VA.GOV>: Schneider Benjamin

Hey ever

hanks for the updates and keeping CDC in the loop – much appreciated

PulseNet is monitoring and will code once this gets to 5 cases. In the meantime is anyone thinking of doing any press or media about these co

Zach

us>; Saupe Amy (MDH)

Hi Laurie

Yes our lab just let us know that this case is closely related this evening. I'm tracking down the initial case interview and I'll let you know what exposures he reported

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

From: Stewart Laurie X (DOH) <aurie Stewart (BOH) WA.GO()> Sent: Wednesday December 15 2021 4:50 PM To: Rounds Johna (MOH) (spithar zounds@itate.mn.up:) Marshall Nicole C (DOH) <airies marshall@soh.wa.go()>: Medus Cantos (MDH) <airies marshall@soh.wa.go()>: Decuir Manijke (MDH) <airies marshall@soh.wa.go()>: Decuir Manijke (MDH) <airies marshall@soh.wa.go()>: Medus Cantos (MDH) <airies marshall@soh.wa.go()>: Sohneider Benjamin (COC/DOID/NOEZD/DFWED <apzill@state.mn.up; Saupe Amy (MDH) <airies marshall@soh.wa.go()>: Sohneider Benjamin (COC/DOID/NOEZD/DFWED <apzill@state.go()>: Motormic Zac : Sohneider Benjamin (COC/DOID/NOEZD/DFWED <apzill@state.go()>: Sohneider Benjamin (COC/DOID/NOEZD/DFWED : Saupe.soh.go()>: Saupe.soh.go()>: Sohneider Benjamin (COC/DOID/NOEZD/DFWED : Saupe.soh.go()>: Saupe.soh.go()>: Soh.go()>: So ISC DOH ic Zachary (CDC/DDID/NCE2ID/DFWED

Higt

Hi Josh

Nicole Marshall is presenting right now but I just want to let you know there is a new Minnesota case who matches this cluster. The id is MN_H21-16904

Do you have any information about this case?

Laute K. Stewart MS Pronouns she/her Foodborne and Waterborne Disease Epidemiolo Office of Communicable D sease Epidemiology Washington State Department of Health Laurie.stewart@doh.wa.gov www.doh.wa.gov 564-999-1223 (mobile—can accept texts) 206-364-1060 (tax) YICOMP

From: Rounds Joshua (MDH) <joshua rounds@state mn us>

From: Rounds Joshue (MDH) (spitule roundalistate mulue) Sent: Treases December 14 2011; 23 AM To: Marshall Nicole C (DOH) (spice) marshall (Bidoh wa goup; Medus: Carlota (MDH) (spitola medus (Bistate mulue); Decuir Manijke (MDH) (marijke decuir@istate mulue); Saupe Amy (MDH) (spitola medus (Bistate mulue); (CDHDOESCOEFIstateric@istate.maileDOH was goup; Medus: Carlota (MDH) (spitola medus (Bistate mulue); Decuir Manijke (MDH) (marijke decuir@istate.maileDOH was goup; DOH) (spitola (spitola medus (Bistate mulue); (CDHDOESCOEFIstateric@istate.maileDOH was goup; Sonnaide (Son Satety)(BDH) (was shelton@istate.maileDOH was goup; Sonnaider: Benjamin (CDC)/DDID/NGEDD/DFWED (spitol@istate.maileDOH was goup; Sonnaider: Benjamin (SDC)/DFWED (spitol@istate.maileDOH was goup; Sonnaider: Benjamin)); Sonnaider: Benja pe@state.mn.us>; DOH DCHS CDEPI Enteri c/ppip/wcezip/pewep «

External Email

We were able to reach our case last night. She denied eating at Panera Bread during the week before her onset. The two restaurants that she did eat at are Chipotle and Dominos Pizza (details below).

Chipotle Mexican Grill Meal Date: 11/20/2021 Bowl - Rice Lettuce Chicken Cheese Salsa Sour Cream Smoked Brisket

Meal Date: 11/17/2021 Pepperoni Pizza Cheesy Bread

Let me know if you have any questions. Thanks!

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

From: Marshall Nicole C(DOH) < <u>microle marshall@Soh.ws.goo</u> Sent: Monday December 13 2021 2:32 PM To: Rounds Johne (MOH) < <u>jointue zounds@state.ms.up</u>; Medus Carlota (MOH) <<u>quardita medus@state.ms.up</u>; Decuir Marijke (MOH) <<u>mar jie decuir@state.ms.up</u>; Saupe Amy (MOH) <<u>quard_saupe@state.ms.up</u>; DOH DOHS COEPI Enteric DOH EPH Food Sertity <<u>codo_state/state/solution/BOH W.A.GOL</u>; Schneider Benjamin (COC/DOID/NGED/D/WED <<u>quard@state.ms.up</u>; Saupe Amy (MOH) <<u>quard.saupe@state.ms.up</u>; DOH DOHS COEPI Enteric https://www.com/solution.com solution.com solution.com cdc.gov>; Patel Kane (CDC/DDID/NCE2ID/DFWED <npe2@cdc.goip; Shelton Susan E (DO Subject: RE: E. coli O121 case investigat

Thank you Josh!

Also if it's at all helpful we learned that there is a MyPanera rewards membership that one of our cases used. Figured I'd pass the info along in case your case did eat at Panera Bread but doesn't remember the location or what they ordered

Nicole

Nicole Marshall (Schwalbe) MPH Foodborne and Enteric D scase Epidemiologist Office of Communicable D scase Epidemiology Divis on of Disease Control and Health Statistics Washington State Department of Health n cole marshallithdohwa.gooy Sch4999-1232 (cel – direct fine) | www.doh.wa.gooy 206-304-1000 (pa) Canadra Daraman, the fine Gender Pronouns she/her

Fren: Rounds Joshus (MDH) <u>sjontua roundsliktate mu up</u> Sent Monday December 13 20211209 FM Tex Marshall Neutone (DOM) signific anaballikohan agop; Medus Carlota (MDH) <u>sanda medusikiste mu up</u>; Deckir Marijke (MDH) <u>sanda medusikiste mu up</u>; Saupe Amy (MDH) <u>sanda sapedikiste mu up</u>; DOH DOHS CDEPI Enteric CDHIODISCEDERISTICIERAN wagop; DOH FM Food Safety <u>scool Safety/BDOH VM 800</u>; Graham Je M (DOH) <u>sanda medusikiste mu up</u>; Deckir Marijke (MDH) <u>sanda medusikiste mu up</u>; Saupe Amy (MDH) <u>sanda sapedikiste mu up</u>; DOH DOHS CDEPI Enteric CDHIDOISCEDERISTICIERAN wagop; DOH FM Food Safety <u>scool Safety/BDOH VM 800</u>; Graham Je M (DOH) <u>sanda medusikiste mu up</u>; Sonneider Benjamin (CDC/DOID/NCEZID/DFWED <u>spatifieds; goup</u>; McCormic Zachary (CDC/DOID/NCEZID/DFWED <u>spatifieds; goup</u>; McCormic Zachary (CDC/DOID/NCEZID/DFWED <u>spatifieds; goup</u>; Smither Safety <u>Safety</u>; Safety Safe

External Email

HINGOLE That is very interesting thank you for reaching out to us! Our case refused most of the interview initially so we don't know if she ate at Panera only that her onset was 11/26 and she didn't travel anywhere. I'm going to have our students reach back out to ask specifically about Panera and I'll let you know what we find out. Thanks again!

Hi Nicole

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

From: Marshall Nicole C (DOH) <ni e.marshall@doh.wa.covo

Sent: Monday December 13 2021 1:48 PM

Sent: Monoky becemeer 1a 2011 148 FM The Media Sentem (BMD) exaction media/Battermup; Decuir Marijke (MDH) exaction media/Battermup; Rounds Joshua (MDH) exaction media/Battermup; DOH DOHS COEFI Enteric «COHDOHSCOEFIcienter/Boon was gop; DOH EPH rood Safety @cool_Safety@DOH VA.000;; Simham Joe M (DOH) exaction media/Doh VA.000;; Sinham Joe M (DOH) exaction media/Doh VA.000; Sinham Joe M (DOH) exaction media/Doh Subject: E. coli O121 case investigation

This message may be from an external email source. Donot select links o open attachmenta unleas ve if ed. Repo t al auspicious emails to Minnesota IT Se vices Secu Ny Ope at ons Ginte .

Hello Minnesota foodborne outbreak team

We started looking into two cases of E. coli O121 last Friday who both reported eating at Panera Bread on 11/19/2021. Today a Minnesota isolate was uploaded with the same allele code

II TITLE	🗄 WGS ID	ALLELE CODE	SEROTYPE CALCULATED
MN_H21-16885	PNUSAE091113	EC1.0 - 18.1.14.38.16	0121:H19
@ WAWA0697354	PNUSAE091051	EC1.0 - 18,1.14.38.16	0121:H19
@ WAWA0897014	PNUSAE090854	EC1.0 - 18.1.14.38.16	0121:H19

Here is what we know about our two cases Panera bread exposures

					Panera Meal		Panera	
Epi case ID	Lab	PulseNet	County	Onset	Date and time	Mesi	location	Note
						G een Goddess		
						Goddess Cobb Salad		
						with		
						With Chicken,		
						baguette, F ench		
						F ench Bist o		
						Date o		Noted that a saled
						Soup.	South Sound	item equi ed
						G een	location-	substitution
					11/19/2021.	Passion	possibly	(possibly pickled
103825807	WA0697014	PNUSAE090854	Snohomish	11/21/2021	Lunch	Smooth e	Tacorna Mall	ed on on)
103973901	WHUCH/USH	PINUSAEUSUSO	shohoman	11/21/2021	Lunch	Caesa	Lacoma Mas	Asked for no
								Asked to no omaine so the
						salad w/ chicken.		a upula, omaine,
						ch cken, beguette,		a ugula, omaine, kale, ed leaf blend
						C earry		that was also used
						Chicken &		in the G een
						Wild Not	2107 S. 320th	Goddess salad was
						Soup,	Fede al Way	subbed by
					11/19/2021,	unknown	(outside The	estau ant (pe
103823767	WA0697354	PNUSAE091051	Pie ce	11/23/2021	Lunch	beve age	Commons mail	eceipt)

Next steps

Snohomish is attempting to confirm the meal location for their case

· Pierce will confirm what beverage their case had with their meal (they are a smoothie drinker so we are wondering if they had the same smoothie as the other case)

. King County environmental health will go out to the Federal Way location (where we know the Pierce county case lunched) and will enquire

About the preparation and source of foods eaten there by the Pierce case and also the foods which might have been eaten there by the Snohomish case

· Ill food workers handwashing food handling etc + Whether they share workers with other Panera Bread locati

Can you share what you know about your case? We will update SEDRIC with data for each of our cases.

Warm regards Nicole

Nicole Marshal (Schwalbe) MPH Foodborne and Enteric D sease Epidemiologist Office of Communicable D sease Epidemiology Divis on of Disease Control and Health Staffact Washington State Department of Health nacie marshallidah wa gay 544999-1233 (cell – direct line) | www.doh.wa.gay 20-340-100 (fax) Gender Pronours she/her

T C O M

From:	Bounda Jankis (MICH)
Te:	Hels Beh 10001; Holms Zahey (DCCDDACZDCWD); Savet Laufe (DDF); Helse Colds (HDF); Bear Merie (NDF); Save Am (HDF); DOH DOS CODT Ener; DOH DH Fed Sele; Sohen Jack (DDF); Savet Am (HDF); Sales Am (HDF); Save Am (HDF); Savet Am (HDF); SavetA
Subject:	RE. E. coll 0121 case revert pation
Dete:	Thursday December 16 2021 2:16:00 PM
Attachments:	inactions and the second se
	Interference and the second

Than's Beth: We were able get a hold of our cases again and the main update is that they both also had the mild tomato salsa which contains roma tomatoes red onion cliantro jalapenos salt and citrus juice. I don't think I saw any of those ingredients for the Panera menu items reported by your cases is that right?

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

From: Melius Beth J (DOH) <Beth.M BOOH.WA.GOV

Trans manua series (DOT) declamate general for the Control of Sent Thready Declamate Sent T Subject: RE: E. coli O121 case investigation

I also wanted to let you know that there are only two items that both of our cases consumed that it seems overlap with Chipotle: Romaine lettuce and chicken

Beth

From: Rounds Joshua (MDH) <joshua ro @state.mn.us>

Sent: Thursday: December 15 2021 10:18 AM Te: Micromic Zachary (GOC/DOID/NCEDD/DYNED) <a href="https://www.cacharylic.com/cac

Subject: RE: E. coli O121 case investigation

External Email

I was able to look more closely at the other isolates and they do appear to be from previous years.

				KY20-											
		MICL20-			MICL20-		MICL17-			MNH21-		MNH21-			
CEMLET	OH2020006735	167569	WAWA0454276	1312	167561	WAWA0457853	165437	OR19112606834	AZAZ00060508	16885	WAWA0697014	16904	WAWA0697354	UT	1070418
OH2020006735	0	0	0	0	1	2	3	3	3	2	2	2	2	1	4
MI_CL20-167569	0	0	0	0	1	2	3	3	3	2	2	2	2		- 4
WAWA0454276	0	0	0	0	1	2	3	3	3	2	2	2	2		4
KY20-104596541-															
1312	0	0	0	0	1	2	3	3	3	2	2	2	2		- 4
MICL20-167561	1	1	1	1	0	1	2	2	2	1	1	1	1		3
WAWA0457853	2	2	2	2	1	0	3	3	3	2	2	2	2		- 4
MICL17-165437	3	3	3	3	2	3	0	0	0	1	1	1	1		1
OR19112606834	3	3	3	3	2	3	0	0	0	1	1	1	1		1
AZAZ00060508	3	3	3	3	2	3	0	0	0	1	1	1	1		1
MNH21-16885	2	2	2	2	1	2	1	1	1	0	0	0	0	1.1.1	2
WAWA0697014	2	2	2	2	1	2	1	1	1	0	0	0	0		2
MN_H21-16904	2	2	2	2	1	2	1	1	1	0	0	0	0		2
WAWA0697354	2	2	2	2	1	2	1	1	1	0	0	0	0	1.1	2
UT1070418	4	4	4	4	3	4	1	1	1	2	2	2	2		0

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

From: Rounds Joshua (MDH) Sent: Thursday December 16 2021 11:34 AM

Sent: Instray locements 2011134 AM Tex McComic 2040pt (DOD(D)(D)(D)(DDD)(DVED) (quick marine lifetin wagos); Medus Beth J (DOH) (<u>seth Melus@DOH WA GD</u>); Stewart Laure K (DOH) (<u>seth Melus@DOH WA GD</u>); Marinal Nicole C (DOH) (<u>seth Melus@DOH WA GD</u>); Marinal Nicole C (DOH) (<u>seth Melus@DOH WA GD</u>); Stewart Laure K (DOH) (<u>seth Melus@DOH WA GD</u>); Marinal Nicole C (DOH) (<u>seth Melus@DOH WA GD</u>); Marinal Nicole C (DOH) (<u>seth Melus@DOH WA GD</u>); Marinal Nicole C (DOH) (<u>seth Melus@DOH WA GD</u>); Stewart Laure K (DOH) (<u>seth Melus@DOH WA GD</u>); Marinal Nicole C (DOH) (<u>seth Melus@DOH WA GD</u>); Stewart Laure K (DOH) (<u>seth Melus@DOH WA GD</u>); Marinal Nicole C (DOH) (<u>seth Melus@DOH WA GD</u>); Stewart Laure K (DOH WA GD); Stewart Laure K (DOH WA GD); Stewart K (Seth Melus@DOH WA GD); Stewart K (Seth Melus@DOH WA GD); Stewart K (Seth Melus@DOH WA GD

Good morning!

I have an MN update both of our cases report eating at different Ohipotie locations! We are planning to call back both cases with a Ohipotie specific interview to get details on things like salas which may have been missed on the initial interviews (jeta ls in the table below). However both cases report romaine lettuce at Chipotie and believe both MA cases would have eaten the same leady green mix including romaine lettuce at Panera Bread is that correct? On the MK side we are planning to get invoices for thace two Chipotie locations to purce a traceback investigation with our MDA RRT / FDA. Would WA be interviews (geta ls link the leafy green product reported by your cases from Panera to see if they converge with the MN Chipotie exposures? Are there any other ingredients that the two WA cases would have shared that could be served at Chipote! Tim thinking thing like tomates a would on thinking share papers and onlin.

Lab ID	MEDSS	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes	
H21- 16904	111703389	18	Rochester	Olmsted	No	11/30	11/26	No	Parents dog	Aldi Costco Welmart	Clipote (1201 Broadway Ave 5 Ste 60, Bochester, MN) (11/23) 2140 Burrito bowl (Itaek & chu, lettuce, cheese, sour cream) (11/25) 1350 Tacos (steak & chu lettuce, cheese, sour cream) Kumo Sushi (11/21) Spicy caro 10 spicy salmon roll Boston roll California roll Perkins (11/22) reach toast bacon eggs Hubbell House (11/23) Soup beer mayor chert thing: Chick-FFA (11/26) Spicy chu sandwich (w) lettuce & tomato) chicken tenders	Other leafy greens exposures: Prepadaged salad that included romaine hearts from Walmart. May have eaten salad at Hubbell House	
H21- 16885	111614491	21	Oronoco	Olmsted	No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle [3780 Marketplace Dr Nw Ste 100 Rochester MN Bowr-Rice Lettuce Chicken Cheese Salta Sour Cream Smoked Bricket 11/17 Dominos Pizza	Case refused full interview but answered limited questions about restaurants	

												Pepperoni Pizza Cheesy Bread	
--	--	--	--	--	--	--	--	--	--	--	--	------------------------------	--

Additionally I had requested that our lab double check to ensure that our cases were 0 alleles from the WA cases (even though they have the same allele code) and they sent me this (below). I haven't had time to see when the other cases that are 1-2 alleles from the MN and WA cases (even though they have the same allele code) and they sent me this (below). I haven't had time to see when the other cases that are 1-2 alleles from the WA cases (even though they have the same allele code) and they sent me this (below). I haven't had time to see when the other cases that are 1-2 alleles from the WA cases (even though they have the same allele code) and they sent me this (below). I haven't had time to see when the other cases that are 1-2 alleles from the WA cases (even though they have the same allele code) and they sent me this (below). I haven't had time to see when the other cases that are 1-2 alleles from the WA cases (even though they have the same allele code) and they sent me this (below). I haven't had time to see when the other cases that are 1-2 alleles from the WA cases (even though they have they are any other recent cases that are within a few alleles of the WA/MN cases? It would seem a little strange to have a commercially distributed cases that are within a few alleles of the WA/MN cases? It would seem a little strange to have a commercially distributed cases that are within a few alleles of the WA/MN cases? It would seem a little strange to have a commercially distributed cases that are within a few alleles of the WA/MN cases? It would seem a little strange to have a commercially distributed cases that are within a few alleles of the WA/MN cases? It would seem a little strange to have a commercially distributed cases that are within a few alleles of the WA/MN cases? It would seem a little strange to have a commercially distributed cases that are within a few alleles of the WA/MN cases? It would seem a little strange to have a commercially distributed cases that are within a few alleles of the WA/MN ca

				KY20-										
		MICL20-	10	4596541-	MICL20-		MICL17-			MNH21-	N	4NH21-		
cgMLST	OH2020006735	167569 WA	WA0454276	1312	167561	WAWA0457853	165437 0	R19112606834	AZAZ00060508	16885 WA	WA0697014	16904 WA	WA0697354	UT1070418
OH2020006735	0	0	0	0	1	2	3	3	3	2	2	2	2	4
MICL20-167569	0	0	0	0	1	2	3	3	3	2	2	2	2	4
WAWA0454276	0	0	0	0	1	2	3	3	3	2	2	2	2	4
KY20-104596541-														
1312	0	0	0	0	1	2	3	3	3	2	2	2	2	4
MICL20-167561	1	1	1	1	0	1	2	2	2	1	1	1	1	3
WAWA0457853	2	2	2	2	1	0	3	3	3	2	2	2	2	4
MICL17-165437	3	3	3	3	2	3	0	0	0	1	1	1	1	1
OR19112606834	3	3	3	з	2	3	0	0	0	1	1	1	1	1
AZAZ00060508	3	3	3	3	2	3	0	0	0	1	1	1	1	1
MNH21-16885	2	2	2	2	1	2	1	1	1	0	0	0	0	2
WAWA0697014	2	2	2	2	1	2	1	1	1	0	0	0	0	2
MNH21-16904	2	2	2	2	1	2	1	1	1	0	0	0	0	2
WAWA0697354	2	2	2	2	1	2	1	1	1	0	0	0	0	2
UT1070418	4	4	4	4	3	4	1	1	1	2	2	2	2	0

Let me know if you have any questions

Thanks!

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

From: McCormic Zachary (CDC/DDID/NCEZID/DFWED) <akc8@cdc.eovy

Sent: Thursday December 16 2021 9:03 AM

Sem: mitrage (becember 1s. 2021 503 AM The Miles Behl (Doll) (denth Melling Doll), AGD(s); Rounds Joshue (MDH) (gischus zoundsflistete mit up; Stewert Laurie K (DOH) (aurie Stewart/BODH WA.BO); Marshall Nicole C (DOH) (gischus anschall/Both wa.go); Medus Deriote (MDH) (auricate meduu/Bistete mit up; Deroir Marije (MDH) (marije (MDH) (marije Stewert Laurie K (DOH) (del Collaboration Both Marine)); Medus Deriote (MDH) (del Collaboration Both Marine); Deroir Marije (MDH) (marije (MDH) (del Collaboration Both Marine); Stewert Laurie K (DOH) (del Collaboration Both Marine); Denoir Marije (MDH) (marije (MDH) (del Collaboration Both Marine); Stewert Laurie K (DOH) (del Collaboration Both Marine); Stemes Teaming (DOP)(DOH) (del Collaboration Both Marine); Stewert Laurie K (DOH) (del Collaboration Both Marine); Stemes Teaming (DOP)(DOH) (del Collaboration Both Marine); Stewert Laurie K (DOH) (del Collaboration Both Marine); Stemes Teaming (DOP)(DOH) (del Collaboration Both Marine); Stewert Laurie K (DOH) (del Collaboration Both Marine); Stemes Teaming (DOP)(DOH) (del Collaboration Both Marine); Subject: RE: E. coli O121 case investigation

Thanks Beth and Josh

Fill be in touch!

Zach

From: Melius Beth J (DOH) <Beth Meli s@DOH WA GOV>

Sent: Thursday December 16 2021 9:47 AM

Sent: Instage Decemoer is Que12 SP/AM The Rounds Souke (MOH) gigeture and Que12 SP/AM (Carton medualisate mn.up; Neckornic Zachary (ODC/ODID)/NCE2ID/DFWED) que28/dot goo; Stewart Laurie K (DOH) <u>starte Stewart/BOH WA GO/</u>; Marshall Nicole C (DOH) <u>starte mn.up</u>; Carton medualisate mn.up; Decuir Marijke (MOH) <u>starte stewart/BOH WA GO/</u>; Marshall Nicole C (DOH) <u>starte mn.up</u>; Carton medualisate mn.up; Decuir Marijke (MOH) <u>starte stewart/BOH WA GO/</u>; Starte mn.up; DOH DCHS COEPI Enteric <u>GOHDOHSCOEPIEnteric@doh.wa.goo</u>; DOH EPH Food Safety <u>GOod Safety@OOH WA GO/</u>; Grahem Joe M (DOH) <u>starte mn.up</u>; DOH DCHSCOEPIEnteric@doh.wa.goo; DOH EPH Food Safety <u>GOod Safety@OOH WA GO/</u>; Grahem Joe M (DOH) <u>Starte MS = God 123 cons</u> invited the Safety <u>Safety GOD 2000</u>; Shelton Susan E (DOH) <u>starte mn.up</u>; Babun Caroline (CDC/DOID/NCE2ID/DFWED) <u>starte BS = God</u>; Shelton Susan E (DOH) <u>starte BS = God</u>; Shelton Susan E (DOH) <u>starte BS = God</u>; Shelton Susan E (DOH) <u>starte BS = God</u>; Starter Babun (Safety <u>God Safety@OOH.WA.goo</u>; Shelton Susan E (DOH) <u>starte BS = God</u>; Starter Babun (Safety) <u>starte</u>; Shelton Susan E (DOH) <u>starte BS = God</u>; Starter Babun (Safety) <u>starte</u>; Starter BS = Starter Babun (Safety) <u>starte</u>; Starter Babun (Safe Subject: RE: E. coli O121 case investigation

Not yet in WA.

Beth

From: Rounds Joshua (MDH) <ioshua.ro nds@state.mn.us>

From: Sounds Joshua (MDH) (gonus roundifietate mouses Sent: Truising December 15 2012 (SS AM To: McComic Zachary (DOC/DDID/NGEDD/DHWED) (goldified.gop): Stewart Laurie K (DOH) (Laurie Stewart@DDH WA.GOP): Marshall Nicole C (DOH) (ciccle.marshall@Soh.wa.gop): Medus Carlota (MDH) (carlota.medus@State.mo.up): Decuir Marijke (MDH) (marija Educir@Itate.mo.up): Sape Amy (MOH) (cam, sapellitate.mo.up): DOH DOHS ODP/ Enteric (COHODISCOPEInteric@Boh.wa.gop): DOH EPH Food Safety (Cood Safety/@DOH WA.GOP): Graham Joe M (DOH) (ciccle.marshall@COH WA.GOP): Sohneider Benjamin (GOC/DDDI)/NCEZID/DFWED) (cigalicate.gop): Shaton Susan E (DOH) (ciccle.marshall@COH WA.GOP): Habrun Caroline (GOC/DDDI/NCEZID/DFWED) (ciccle.marshall@Soh.wa.gop): Graham Joe M (DOH) (ciccle.marshall@COH WA.GOP): Sohneider Benjamin (Soc/DDDI)/NCEZID/DFWED) (ciccle.gop): Shaton Susan E (DOH) (ciccle.marshall@COH WA.GOP): Sohneider Benjamin (Soc/DDDI)/NCEZID/DFWED) (ciccle.marshall@COH WA.GOP): Sohneider Benjamin

Not in MN

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

.

From: McCormic Zachary (CDC/DDID CEZID/DFWED) <qkc8/ii)cdc.gov>

Sent: Thursday: December 16 2011 8:23 AM Te: Rounds: Johna (MOH) (gantuar cound)/gantuar cound)/ Subject: RE: E. coli O121 case investigation

Hey everyone

Thanks for the updates and keeping CDC in the loop - much appreciated!

PulseNet is monitoring and will code once this gets to 5 cases. In the meantime is anyone thinking of doing any press or media about these ca

Zach

From: Rounds: Joshus (MDH) cjoshus rounds:Bistete mn us> Sent: Wednesday December 15 2021 6:23 PM To: Stewart: Laurie K (DOH) claurie Stewart/BOH.WA.60(); Marshall Nicole C (DOH) claicele marshall@oh.wa.gop; Medus: Carlots (DOC state.mn.us) carlots medus/Bistate.mn.up; Decuir Manijke (MDH) cmarijke.decuir/Bistate.mn.up; Saupe Amy (MDH) To: Stewart: Laurie K (DOH) claurie Stewart/BOH.WA.60(); Marshall Nicole C (DOH) claicele marshall@oh.wa.gop; Medus: Carlots (DOC state.mn.us) carlots medus/Bistate.mn.up; Decuir Manijke (MDH) cmarijke.decuir/Bistate.mn.up; Saupe Amy (MDH) camp sape Bank music (Del Marchanne Control Co dc.eoyo; McCormic Subject: RE: E. coli O121 case investigation

Hi Laurie

Yes our lab just let us know that this case is closely related this evening. I'm tracking down the initial case interview and I'll let you know what exposures he reported

Thanks

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

External Email

DEPARTMENT OF HEALTH

From: Stewart Laurie K (DOH) «Laurie Stewart@DOH WA GOV»

Frem: Stewart Laurie K (DMH) <u>staurie Stewart/BODH WA BOD</u>> Sent: Wednesdy December 15 302 (1450 PM To: Rounes Johne (MDH) <u>spin staurie Stewart/BODH WA BOD</u>> DOHS DOPE Interview Staurie (MDH) <u>spin staurie Stewart/BODH WA BOD</u>> DOHS DOPE Interview Staurie (MDH) <u>spin staurie Stewart/BODH WA BOD</u>> DOHS DOPE Interview Staurie (MDH) <u>spin staurie Staurie State m up</u>; Seye Amy (MDH) <u>spin staurie State m up</u>; DOH DOHS DOPE Interview Staurie (MDH) <u>spin staurie State m up</u>; Seye Amy (MDH) <u>spin staurie State m up</u>; Source Tarties and <u>spin stauries spin stauries</u> and <u>spin stauries</u>

Hi Josh

Nicole Marshall is presenting right now but I just want to let you know there is a new Minnesota case who matches this cluster. The id is MN_H21-16904

Do you have any information about this case?

Laute K. Stewart MS Pronours she/her Foodborne and Waterborne Disease Epidemiolo Office of Communicable D sease Epidemiology Washington State Department of Health Laurie.s ewart@doh.wa.aov www.doh.wa.gov 564-999-1223 (mobile—can accept texts) 206-364-1060 (fax) VICONS

From: Rounds Jophus (MDH) <u>spothus rounds/Bistet mn up</u>-Sent: Tuesday December 14 2017-29 AM Te: Marnhall Nicole (DOH) <u>spothus rounds/Bistet mn up</u>; Decuir Marijke (MOH) <u>spothus decuir@state.mn.up</u>; Saupe Amy (MOH) <u>spothus rounds/Bistet.mn.up</u>; D (<u>Spothus Scothus</u>); Soneider Benjamin (DOC/DOID/NEED/JOFWED spothus Carlots (MDH) <u>spothus carlots and Spothus</u>; Soneider Benjamin (DOC/DOID/NEED/JOFWED spothus carlots (DOH) <u>spothus carlots and spothus carlots and spothus</u>; Soneider Benjamin (DOC/DOID/NEED/JOFWED spothus carlots (DOH) <u>spothus carlots and spothus</u>; Soneider Benjamin (DOC/DOID/NEED/JOFWED spothus carlots and the spothus carlots and (CDC); DOH DCHS CDEPI Ente McCormic Zachary nic Zachary (CDC/DDID/NCEZID/DFWED -

External Email

We were able to reach our case last night. She denied eating at Panera Bread during the week before her onset. The two restaurants that she did eat at are Chipotie and Dominos Pizza (details below)

Chipotle Mexican Grill Meal Date: 11/20/2021 Bowl - Rice Lettuce Chicken Cheese Salsa Sour Cream Smoked Brisket

ninos Pizza Meal Date: 11/17/2021 Pepperoni Pizza Cheesy Bread

Let me know if you have any questions. Thanks!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

From: Marshell Nicole C (DOH) «<u>nicole matchallfloch wa gop</u>-Sent Monday December 13 2021:32:PM To: Round: Jacked MOH) <u>splatna much</u>: Medus Carlota (MOH) <u>splatna medus fitate mn.up</u>: Decuir Marijke (MDH) <u>smarijke decuir/fitate mn.up</u>: Saupe Amy (MDH) <u>splatna much</u>: DOH OOHS CDEPI Enteric <u>splatna medus fitate mn.up</u>: Decuir Marijke (MDH) <u>smarijke decuir/fitate mn.up</u>: Saupe Amy (MDH) <u>splatna medus fitate mn.up</u>: Del DOH SCDEPI Enteric <u>splatna medus fitate mn.up</u>: Decuir Marijke (MDH) <u>smarijke decuir/fitate mn.up</u>: Saupe Amy (MDH) <u>splatna medus fitate mn.up</u>: Del DOH SCDEPI Enteric <u>splatna medus fitate mn.up</u>: Decuir Marijke (MDH) <u>smarijke decuir/fitate mn.up</u>: Saupe Amy (MDH) <u>splatna medus fitate mn.up</u>: Del DOH SCDEPI Enteric <u>splatna medus fitate mn.up</u>: Decuir Marijke (DOC)/DOID/NCEZD/DFWED <u>splatfitate mn.up</u>: Saupe Amy (MDH) <u>splatna medus fitate mn.up</u>: Patel Kane (COC/DOID/NCEZD/DFWED <u>splatfitate mn.up</u>: McCormic Zachary (COC/DOID/NCEZD/DFWED <u>splatfitate mn.up</u>: Saupe Amy (DOC)/DOID/NCEZD/DFWED <u>splatfitate mn.up</u>: Patel Kane (COC/DOID/NCEZD/DFWED <u>splatfitate mn.up</u>: Saupe Amy (DOC)/DOID/NCEZD/DFWED <u>splatfitate mn.up</u>: Saupe Amy (DOC)/DFWED <u>splatfitate mn.up</u>: Saupe Amy (DOC)/DFWED <u>splatfitate mn.up</u>: Saupe Amy (DOC)/DFWED <u>splatfitate mn.up</u>:

Thank you Josh!

Also if it's at all helpful we learned that there is a MyPanera rewards membership that one of our cases used. Figured I'd pass the info along in case your case did eat at Panera Bread but doesn't remember the location or what they ordered

Best Nicole

Nicole Marshall (Schwalbe) MPH Foodborne and Enteric D sease Epidemiologist

rouseone and Interic Disease Epidemiologist Office of Communicable Disease Epidemiology Division of Disease Control and Health Statistics Washington State Department of Health <u>n cole.marchall@doh.wa.oov</u> n cole manhall@doh.wa.gov 564-999-1233 (cell – direct line) | www.doh.wa.gov 206-364-1006 (fax) Gender Pronouns she/her

n: Rounds Joshua (MDH) <<u>joshua rounds@state.mn.us</u>>

From: Rounds: Joshua (MDH) (gozhuar rounzlifistate mu up-Sent: Mondy December 33: 2011;203 PM To: Marshall Nicole C (DOH) <<u>nicole marshall floch wa goo</u>; Medus: Carlota (MDH) <<u>carlota medus flotate mu up</u>; Decvir Marijke (MDH) <<u>marijke decuir flotate mu</u> up; Saupe Amy (MDH) <<u>amy saupe flotate mu up</u>; DOH DCHS CDEPI Enteric <<u>COHODOSCEPIIntercification wa goo</u>; DOH EPH Food Safety <<u>Cood Safety (FDOH) VA ACO</u>; Graham Joo M (DOH) <<u>icod Graham (FDOH) VA ACO</u>; Schweider: Benjamin (CDC/DOID/NCEZIO/DFWED <<u>uptificate goo</u>; McCormic: Zachary (CDC/DC Saleject: RE: E. coli 0121 case investigation nic Zachary (CDC/DDID/NCEZID/DFWED

External Email

H Nicole That is ery interesting thank you for reaching out to us! Our case refused most of the interview initially so we don't know if she ate at Panera only that her onset was 11/26 and she didn't travel anywhere. I'm going to have our students reach back out to ask specifically about Pa and I'll et you know what we find out. Thanis again!

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

1.

From: Marshall Nicole C (DOH) «nicole marshall@doh wa cov-

Sent: Monday December 13 2021 148 PM To: Nedus: Carlota (MDH) <<u>carlota medus@state mn us</u>; Decuir Marijke (MDH) <<u>marijke decuir@state mn us</u>; Saupe Amy (MDH) <<u>mar saupe@state mn us</u>; Rounds Joshua (MDH) <<u>joshua rounds@state mn us</u>; DOH DCHS CDEPI Enteric <<u>OCHDCHSCDEPIEnteric@doh wa gov</u>; DOH EPH Food Safety <u>Cood Safety@DOH WA GOV</u>; Graham Joe M (DOH) <<u>carlotame@DOH WA GOV</u>; Schneider Benjamin (CDC/DDID/NCEZID/DFWED <<u>apr&@cdc.gov</u>; McCormic Zachary (CDC/DDID/NCEZID/DFWED <<u>apr&@cdc.gov</u>; Patel Kane (CDC/DDID/NCEZID/DFWED <u>capr@@cdc.gov</u>; Shelon Suam E(DOH) <u>suam shelon@doh.wa.gov</u>; Patel Kane (CDC/DDID/NCEZID/DFWED <u>Subject:</u> E. coli 0121 case investigation

This message may be from an external email source. Do not select links o open attachments unless verif ed. Report all suspicious emails to Minnesota IT Se v ces Secu ity Ope at ons Cente.

Hello Minnesota foodborne outbreak team

We started looking into two cases of E. coli 0121 last Friday who both reported eating at Panera Bread on 11/19/2021. Today a Minnesota isolate was uploaded with the same allele code

II TITLE	🗄 WGS ID	ALLELE CODE	SEROTYPE CALCULATED
MN_H21-16885	PNUSAE091113	EC1.0 - 18.1.14.38.16	0121:H19
☑ WAWA0697354	PNUSAE091051	EC1.0 - 18.1.14.38.16	0121:H19
O WAWA0697014	PNUSAE090854	EC1.0 - 18.1.14.38.16	0121:H19

Here is what we know about our two cases Panera bread exposures

Epi case ID	Lab	PulseNet	County	Onset	Panera Meal Date and time	Meal	Panera location	Note
						G een		
						Goddess		
						Cobb Salad		
						with		
						Chicken,		
						baguette,		
						F ench		
						Bist o		
						Onion		Noted that a salad
						Soup,	South Sound	item equi ed
						G een	location-	substitut on
					11/19/2021,	Passion	possibly	(possibly pickled
103825807	WA0697014	PNUSAE090854	Snohomish	11/21/2021	Lunch	Smooth e	Tacoma Mall	ed on on)
						Caesa		Asked fo no
						salad w/		omaine so the
						ch cken,		a ugula, omaine,
						baguette,		kale, ed leaf blend
						C earny		that was also used
						Chicken &		in the G een
						Wild Rice	2107 S. 320th	Goddess salad was
						Soup,	Fede al Way	subbed by
					11/19/2021,	unknown	(outside The	estau ant (pe
103823767	WA0697354	PNUSAE091051	Pie ce	11/23/2021	Lunch	beve age	Commons ma l	eceipt)

Next steps

Snohomish is attempting to confirm the meal location for their case

Pierce will confirm what beverage their case had with their meal (they are a smoothie drinker so we are wondering if they had the same smoothie as the other case)
King County environmental health will go out to the Federal Way location (where we know the Pierce county case lunched) and will enquire

- About the preparation and source of foods eaten there by the Pierce case and also the foods which might have been eaten there by the Snohomish case

Ill food workers handwashing food handling etc
Whether they share workers with other Panera Bread locations

Can you share what you know about your case? We will update SEDRIC with data for each of our cases.

Warm regards Nicole

Nicole Marshall (Schwalbe) MPH Foodborne and Enteric D sease Epidemiologist Office of Communicable D sease Epidemiology Divis on of Disease Control and Health Statistics Washington State Department of Health no cale generation

n cole.marshail@doh.wa.gov 564-999-1233 (cell = direct line) | www.doh.wa.gov 206-364-1006 (fax) Gender Pronouns she/her

y f ö o M



That's interesting! Bummer that all the old ones are non-MN

Carlota Medus, PhD, MPH Epidemiologist Supervisor Sr. | Foodborne Diseases Unit Minnesota Department of Health Office: 651-201-5527 | Mobile: 651-285-6034

DEPARTMENT OF HEALTH

2 2 2 2 2

From: Rounds Joshua (MDH) - gishua.rounds@state.mn.us> Sent: Thurday: December 16 2021 12:18 PM To: McComir: Zanhay (CDC/DDI/NCEZID/DVFUE) - gate&edc.gov; Melius Beth J (DOH) - Beth.Melius@DOH.WA.GOV; Stewart: Laurie K (DOH) -Laurie.Stewart@DOH.WA.GOV; Marshall Nicole C (DOH) - since.marshall@doh.wa.gov; Medius Carlota (MDH) - carlota.medus@state.mn.us; Decuir Marijie (MDH) -marijie.decuir@state.mn.us; Saupe Amy (MDH) - amy.supe@state.mn.us; DOH DOH SCDEPIEnteric : DDHDCH/SCDEPIEnteric@doh.wa.gov; DOH EPH Food Safety@DOH.WA.GOV; Graham Joe M (DOH) - clos.Graham@DOH.WA.GOV; Scheder: Benjamin (CDC/DDID/NCEZID/DFWED) -qub@cdc.gov; Shelton Susan E (DOH) - susan.shelton@doh.wa.gov; Habrun Caroline (CDC/DDID/NCEZID/DFWED) - shv@edc.gov Subject: RE: E coli 0121 case investigation

I was able to look more closely at the other isolates and they do appear to be from previous years.

				KY20-										
		MICL20-	10	4596541-	MICL20-		MICL17-			MNH21-		MNH21-		
cgMLST	OH2020006735	167569 WA	WA0454276	1312	167561	WAWA0457853	165437	OR19112606834	AZAZ00060508	16885 W	AWA0697014	16904 V	VAWA0697354	UT1070418
OH2020006735	0	0	0	0	1	2	3	3	3	2	2	2	2	4
MICL20-167569	0	0	0	0	1	2	3	3	3	2	2	2	2	4
WAWA0454276	0	0	0	0	1	2	3	3	3	2	2	2	2	4
KY20-104596541-														
	0	0	0	0	1	2	3	3	3	2	2	2	2	4
MICL20-167561	1	1	1	1	0	1	2	2	2	1	1	1	1	3
WAWA0457853	2	2	2	2	1	0	3	3	3	2	2	2	2	4
MICL17-165437	3	3	3	3	2	3	0	0	0	1	1	1	1	1
OR19112606834	3	3	3	3	2	3	0	0	0	1	1	1	1	1
AZAZ00060508	3	3	3	3	2	3	0	0	0	1	1	1	1	1
MNH21-16885	2	2	2	2	1	2	1	1	1	0	0	0	0	2
WAWA0697014	2	2	2	2	1	2	1	1	1	0	0	0	0	2
MNH21-16904	2	2	2	2	1	2	1	1	1	0	0	0	0	2
WAWA0697354	2	2	2	2	1	2	1	1	1	0	0	0	0	2
														_

te date unknown



Josh Rounds, MPH

nior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

2 2 2 2 2

From: Bounds Joshua (MDH)

From: Rounds Joshua (MDH) Sent: Thurdany December 16 2021 11:34 AM To: McCormic Zachary (CDC/DDID/NCEZID/DFWED) <<u>abc8Ecdc.gov</u>; Melius Beth J (D0H) <<u>Beth Melius@DOH.WA.GO</u>; Stewart Laurie K (D0H) <<u>Jaurie Stewart@DOH.WA.GO</u>; Marshall Nicole C (D0H) <<u>nicole marshal@doh.wa.gov</u>; Melius Beth J (D0H) <<u>Beth Melius@DOH.WA.GO</u>; Stewart Laurie K (D0H) <<u>Jaurie Stewart@DOH.WA.GO</u>; Marshall Nicole C (D0H) <<u>nicole marshal@doh.wa.gov</u>; Melius Beth J (D0H) <<u>Beth Melius@DOH.WA.GO</u>; Stewart Laurie K (D0H) <<u>Jaurie Stewart@DOH.WA.GO</u>; Marshall Nicole C (D0H) <<u>nicole marshal@doh.wa.gov</u>; Medus Carlota (MDH) <<u>carlota medus@Estate mo.uv</u>; DoH DCH COLDED/NCEZID/DFWED) <<u>nicole marshal@doh.wa.gov</u>; Medus Carlota (MDH) <<u>carlota medus@Estate mo.uv</u>; DoH DCH COLDED/NCEZID/DFWED) <<u>state mo.uv</u>; Supe Amy (MDH) <<u>samu sateleon@doh.wa.gov</u>; Hotor Carlota (MDH) <<u>carlota medus@Estate mo.uv</u>; Supe Amy (MDH) <<u>samu sateleon@doh.wa.gov</u>; Hotor Carlota (MDH) <<u>carlota medus@Estate mo.uv</u>; Supe Amy (MDH) <<u>samu sateleon@doh.wa.gov</u>; Hotor Carlota (MDH) <<u>carlota medus@Estate mo.uv</u>; Supe Amy (MDH) <<u>samu sateleon@doh.wa.gov</u>; Hotor Carlota (MDH) <<u>carlota medus@Estate mo.uv</u>; Supe Amy (MDH) <<u>samu sateleon@doh.wa.gov</u>; Hotor Carlota (MDH) <<u>carlota medus@Estate mo.uv</u>; Supe Amy (MDH) <<u>samu sateleon@doh.wa.gov</u>; Hotor Carlota (MDH) <<u>carlota medus@Estate mo.uv</u>; Supe Amy (MDH) <<u>samu sateleon@doh.wa.gov</u>; Hotor Carlota (MDH) <<u>carlota medus@Estate mo.uv</u>; Supe Amy (MDH) <<u>samu sateleon@doh.wa.gov</u>; Hotor Carlota (MDH) <<u>carlota medus@Estate mo.uv</u>; Supe Amy (MDH) <<u>samu sateleon@doh.wa.gov</u>; Hotor Carlota (MDH) <<u>carlota medus@Estate mo.uv</u>; Supe Amy (MDH) <<u>samu sateleon@doh.wa.gov</u>; Hotor Carlota (MDH) <<u>carlota medus@Estate mo.uv</u>; Supe Amy (MDH) <<u>samu sateleon@doh.wa.gov</u>; Hotor Carlota (MDH) <<u>carlota medus@Estate mo.uv</u>; Supe Amy (MDH) <<u>samu sateleon@doh.wa.gov</u>; Hotor Carlota (MDH) <<u>sateleon@doh.wa.gov</u>; Hotor Carlota (MDH) <<u>sateleon@doh.wa.gov</u>; Hotor Carlota (MDH) <<u>sateleon@doh.wa.gov</u>; Hotor Carlota (MDH)

Good morning!

I have an MN update both of our cases report eating at different Chipotle locations! We are planning to call back both cases with a Chipotle specific interview to get details on things like salsa which may have been missed on the initial interviews (deta Is in the table below). However both cases report romaine lettuce at Chipotle and Teblieve both WA cases would have eaten the same leafy green mix including romaine lettuce at Panera Bread is that correct? On the MN side we are planning to get invoices for these two Chipotle locations to pursue a traceback the leafy green product reported by your cases from Panera to see if they converge with the MN Chipotle exposures? Are there any other ingredients that the two WA cases would have shared that could be served at Chipotle? I'm thinking things like tomates a vocado clantor jalapeno pepers and onion.

Lab ID	MEDSS	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21- 16904	111703389	18	Rochester	Olmsted	No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140 (11/26) 2140 (11/25) 1350 Tacos (State & chx, lettuce, cheese, sour cream) Xumo Sushi (11/21) Spicy carb rol spicy salmon roll Boston roll California roll Perkins (11/22) rench toast bacon eggs Hubbel House (11/23) Soup beer maybe other things Chick-Fil-A (11/24) Spicy chx salwhork (w) (effuture & tomato) chicken tenders	Other leafy greens exposures: Prepackaged salad that included romaine hearts from Walmart. May have eaten salad at Hubbell House
H21- 16885	111614491	21	Oronoco	Olmsted	No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100 Rochester MN Bowl - Rice Lettuce Chicken Cheese Salsa Sour Cream Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza Cheesy Bread	Case refused full interview but answered limited questions about restaurants

Additionally I had requested that our lab double check to ensure that our cases were 0 alleles from the WA cases (even though they have the same allele code) and they sent me this (below). I haven't had time to see when the other cases that are 1-2 alleles from the MA and WA isolates are from and some might be old. Zach maybe you already did this but do you want to reach out to the PulseNet folks to see if there are any other recent cases that are within a few alleles of the WA/NN cases? It would seem a ittle strange to have a commercially distributed foodborne outbreak to pop up in only WA and MN without other additional states.



OH2020006735	0	0	0	0	1	2	3	3	3	2	2	2	2	4
MICL20-167569	0	0	0	0	1	2	3	3	3	2	2	2	2	4
WAWA0454276	0	0	0	0	1	2	3	3	3	2	2	2	2	4
KY20-104596541-														
1312	0	0	0	0	1	2	3	3	3	2	2	2	2	4
MICL20-167561	1	1	1	1	0	1	2	2	2	1	1	1	1	3
WAWA0457853	2	2	2	2	1	0	3	3	3	2	2	2	2	4
MICL17-165437	3	3	3	3	2	3	0	0	0	1	1	1	1	1
OR19112606834	3	3	3	з	2	3	0	0	0	1	1	1	1	1
AZAZ00060508	3	3	3	з	2	3	0	0	0	1	1	1	1	1
MNH21-16885	2	2	2	2	1	2	1	1	1	0	0	0	0	2
WAWA0697014	2	2	2	2	1	2	1	1	1	0	0	0	0	2
MNH21-16904	2	2	2	2	1	2	1	1	1	0	0	0	0	2
WAWA0697354	2	2	2	2	1	2	1	1	1	0	0	0	0	2
UT_1070418	4	4	4	4	3	4	1	1	1	2	2	2	2	0

Let me know if you have any questions.

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

Frem: McCormic Zashary (DOC/DOID/NGEDO/DFWED) cpt:sdl#dot.goc>
Sent: Thursday December 15 2021 503 AM
Thursday December 15 2021 504 DM
Thursday DM
Thursday December 15 2021 504 DM
Thursday DM
Thursda Istate mn use; Subject: RE: E. coli O121 case investigation

Thanks Beth and Josh

I'll be in touch!

Zach

From: Melius Beth J (DOH) <Beth.Me OCH.WA.GOV>

Sent: Thursday December 16 0011947 AM Ter. Rounds Jochus 2001 (pictus zound) glathus m.u.p; McDomic Zachary (COC/DOID/NCE2D/DPWED) https://www.clightoc.cov/; Stewert Laurie K (DOH) <a href="https://www.clig

Subject: RE: E. coli O121 case investigation

Not yet in WA.

Beth

From: Rounds Joshua (MDH) s@state.mn.us> Sent: Thursday December 16 2021 6:25 AM

To: McComic Zachary (CDC/DDID/NCE2ID/DFWED) www.cariota.medus@state.mn.up; Decuir Marijke (MDH) cmarike.decuir@state.mn.up; Soupe Amy (MDH) <amv.supe@state.mn.up; DOH DOHS ODEPI Enteric <DOHDOHSODEPIEnteric@doh.ws.gop; DOH EPH Food Safety <Food Safety@DOH.WA.GO/>; Graham Joe M (DOH) <lor.graham@DOH.WA.GO/>; Schneider Benjamin [CDC/DDID/NCEZID/DFWED] com/caroline (CDC/DDID/NCEZID/DFWED) www.caroline.com/ca

External Email

Subject: RE: E. coli O121 case investigation

Not in MN.	

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

From: McCormic Zachary (CDC/DDID/NCE2ID/DFWED) <qkc8@cdc.gov/

From: Nectornic Zachary (DOC/DDD/NEED/OPWED) https://www.cacharameducefiltate.mn.up; Decuir Marshall Nicole C (DOH) https://wwww.cacharameducefiltate.mn.up; Decuir Marshall Nicole C (DOH) <a href="ht

Hey everyone

Thanks for the updates and keeping CDC in the loop - much appreciated!

PulseNet is monitoring and will code once this gets to 5 cases. In the meantime is anyone thinking of doing any press or media about these cases?

Zach

From: Rounds Joshua (MDH) <<u>joshua</u> state.mn.us>

Sent: Wonkesky December 15 2021 623 PM To: Steam Lauric K (DOH) (<u>Auric Steam PC)ULWA 600</u>); Marshall Nicole C (DOH) (<u>spice marshall Bisch, wa goup</u>; Medus: Carlota (DDC state.mn.us) (carlota.mnd)uBistate.mn.up; Decuir Marijke (MDH) (<u>marijke decuir Bistate.mn.up</u>; Saupe Amy (MDH) (<u>aurus supelitation mup</u>; DOH DOH) (SDEP) Enteric (<u>DOH) (SDEP) Enteric (Bisch, wa goup</u>; COH EPH Food Safety (<u>Sood Safety/BC)H WA 600</u>); (marijke decuir Bistate.mn.up; Saupe Amy (MDH) (<u>aurus supelitation mup</u>; DOH DOH) (<u>SDEP) Enteric (Bisch, wa goup</u>; COH EPH Food Safety (<u>Sood Safety/BC)H WA 600</u>); (marijke decuir Bistate.mn.up; Saupe Amy (MDH) (<u>aurus supelitation dottor</u>) (<u>Soupe</u>); (<u>aurus Bisch, wa goup</u>; COH EPH Food Safety (<u>Sood Safety/BC)H WA 600</u>); (<u>aurus supelitation dottor</u>); (<u>aurus supelitation dot</u>

Subject: RE: E. coli O121 case investigation

Hi Laurie

Yes our lab just let us know that this case is closely related this evening. I'm tracking down the initial case interview and I'll let you know what exposures he reported Thanks

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

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tance: High

From: Stewart Laurie K (DOH) <a with Stewart (BDDH VA 801)> Sent: Wednesday December 15 2021 450 PM To: Rowds Joanne (MOH) <a with Stewart (BDDH) <a with Stewar <quca@cdc.goup; Patel Kane (CDC/DDID/NCE2ID/DFWED <npe2@cdc.goup; Shelton Susan E (DOH) <susan.shelton@doh.wa.goup Subject: RE: E. coli 0121 case investigation

Nicole Marshall is presenting right now but I just want to let you know there is a new Minnesota case who matches this cluster. The id is MN_ H21-16904

Do you have any information about this case?

Laurie K. Stewart MS Laute K. stewart me Pronours steyher Foodborne and Waterborne Disease Epidemiologist Office of Communicable Disease Epidemiology Washington State Department of Health Laute stewart@doh.wa.gov 564-999-1223 (mobile—can accept texts) 206-364-1060 (fax)

¥100M9

Frem: Rounds: Joshus (MDH) <u>cjoshus noundsillistate mn.uc</u>> Sent: Tucsday: December 14: 2021 729 AM To: Marshall Nicole (JOH) <u>cincle manshallillistate mn.uc</u>; Denior (MDH) <u>cantos medusillistate mn.uc</u>; Decuir Marijie (MDH) <u>cantije decuirilistate mn.uc</u>; Saupe Amy (MDH) <u>cant saupellistate mn.uc</u>; DDH DCHS ODEPI Enteric <u>ciloticistos de l'Obel</u>; <u>cincle manshallillistate v</u>; <u>cincle servisilistate mn.uc</u>; DDH DCHS ODEPI Enteric <u>ciloticistos de l'Obel</u>; <u>cincle manshallillistate v</u>; <u>cincle servisilistate mn.uc</u>; DCH DCHS ODEPI Enteric Patel Kane (CDC/DDID/NCEZID/DFWED <npe2@cdc.gov); Shelton Susan E (DOH) <susan shelton@doh.wa.gov)

Subject: RE: E. coli O121 case investigation

External Email Hi Nicol We were able to reach our case last night. She denied eating at Panera Bread during the week before her onset. The two restaurants that she did eat at are Chipotle and Dominos Pizza (details below). Chipotle Mexican Grill Meal Date: 11/20/2021

Bowl - Rice Lettuce Chicken Cheese Salsa Sour Cream Smoked Brisket

Dominos Pizza Meal Date: 11/17/2021 Pepperoni Pizza Cheesy Bread

Let me know if you have any questio Thanks!

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit

Minnesota Departme Office: 651-201-5083 ent of Health

DEPARTMENT OF HEALTH

From: Marshall Nicole C (DOH) <n marshall@doh.wa.gov Sent: Monday December 13 2021 2:32 PM

Sent. minutey Decline 13 and 12 arm de envoi: She ton Susan E (DOH) <susan.shelton@doh.wa.gov> Subject: RE: E. coli O121 case inv

Thank you Josh!

Also if it's at all helpful we learned that there is a MyPanera rewards membership that one of our cases used. Figured 1'd pass the info along in case your case did eat at Panera Bread but doesn't remember the location or what they ordere

Best Nicole

Nicole Marshall (Schwalbe) MPH Footbome and Enteric Discuss Epidemiologist Office of Communicable Discuss Epidemiology Division of Discuss Control and Health Statistics Washington State Department of Health nicole marshallieldon usa gas Sob-3dd-100 (includient inc) I swww.sloh.wa.gas Sob-3dd-100 (includient inc) I swww.sloh.wa.gas Sob-3dd-100 (includient inc) I swww.sloh.wa.gas

From: Rounds Joshua (MDH) < s@state.mn.us>

Team Annual Journal (Inclusion) (Inclusion Patel Kane (ODC/DDID/NCE2ID/DFWED <npe2@cdc.govo; Shelton Susan E (DOH) <<u>cusan_shelton@doh.wa.govo</u> Subject: RE: E. coli 0121 case investigation

External Email

That is very interesting thank you for reaching out to us! Our case refused most of the interview initially so we don't know if she ate at Panera only that her onset was 11/26 and she didn't travel anywhere. I'm going to have our students reach back out to ask specifically about Panera and I'll let you know what we find out. Thanks again!

Hi Nicole

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

I. L L J J

From: Marshall Nicole C [DOH] <a locate marshall Bloch wa goo/ Sent: Monday December 13 2021 1148 PM To: Medua: Dotole (MOH) <a location marshall Bloch was goo/ To: Medua: Dotole (MOH) <a location marshall Bloch was applied with the marshall Bloc Subject: E. coli 0121 case investigation

This message may be from an external email source. Dract select links or open attachments unless will fed. Report all suspicious emails to Minnesota III Ser voes Security Operations Ce

Hello Minnesota foodborne outbreak team

We started looking into two cases of E. coli 0121 last Friday who both reported eating at Panera Bread on 11/19/2021. Today a Minnesota isolate was uploaded with the same allele code

II TITLE	∐ WGS ID	ALLELE CODE	SEROTYPE CALCULATED
MN_H21-16885	PNUSAE091113	EC1.0 - 18.1.14.38.16	0121:H19
🔘 WAWA0697354	PNUSAE091051	EC1.0 - 18.1.14.38.16	0121:H19
O WAWA0697014	PNUSAE090854	EC1.0 - 18.1.14.38.16	0121:H19

Here is what we know about our two cases Panera bread exposures

Epi case ID	Lab	PulseNet	County	Onset	Panera Meal Date and time	Meal	Panera location	Note
						G een		
						Goddess		
						Cobb Salad		
						with		
						Chicken,		
						baguette,		
						F ench		
						Bist o		
						Onion		Noted that a salar
						Soup,	South Sound	item equi ed
						G een	location-	substitut on
					11/19/2021,	Passion	possibly	(possibly pickled
103825807	WA0697014	PNUSAE090854	Snohomish	11/21/2021	Lunch	Smooth e	Tacoma Mall	ed on on)
						Caesa		Asked fo no
						salad w/		omaine so the
						ch cken,		a ugula, omaine,
						baguette,		kale, ed leaf blen
						C earny		that was also used
						Chicken &		in the G een
						Wild Rice	2107 S. 320th	Goddess salad wa
						Soup,	Fede al Way	subbed by
					11/19/2021,	unknown	(outside The	estau ant (pe
103823767	WA0697354	PNUSAE091051	Pie ce	11/23/2021	Lunch	beve age	Commons mal	eceipt)

Snohomish is attempting to confirm the meal location for their case
Pierce will confirm what beverage their case had with their meal (they are a smoothie drinker so we are wondering if they had the same smoothie as the other case)
King County environmental health will go out to the Federal Way location (where we know the Pierce county case lunched) and will enquire

About the preparation and source of foods eaten there by the Pierce case and also the foods which might have been eaten there by the Snohomish case
 Ill food workers handwashing food handling etc
 Whether they share workers with other Panera Bread locations

Can you share what you know about your case? We will update SEDRIC with data for each of our cases.

Warm regards Nicole

Nicole Marshall (Schwalbe) MPH Foodborne and Enteric D sease Epidemiologist Office of Communicable D sease Epidemiologist Divis on d Disease Control and Health Statistics Washington State Department of Health Incele marshalledah wa agu 544.997-1233 (cell – direct line) | www.doh.wa.gov 206-384-100 (fax) Gender Pranouurs she/her

y f ö o M



Anytime after 12 noon PT. I'll check with our RRT folks too.

m: Rounds Joshua (MDH) «joshua. triffetate mours

Frem: Rounds Joshue (MDH) gomu.rounzegisaace.ms.uz» Sent: Tursday December 21 2011 2024 MM Te: Melius Beth J (DOH) «Beth Melius@DOH.WA.GOV»; McCormic Zachary (DCC/DDID/NGED/DFWED) «pice@cot.gov»; Stewart Laurie K (DOH) «Jaurie Stewart@DOH.WA.GOV»; Marshall Nicole C (DOH) «nicole.marshall@doh.wa.gov»; Medius Canota (MDH) «anista.medu@bistele.ms.us»; Decuir Marijie (MDH) emerijie.decuir@istate.mm.us»; Saupe Amy (MDH) «amy auge@istate.mm.us»; DOH DOH SOEP Enteric «DOHDOHSOEPEnteric@Boh.wa.gov»; COH EM Food Safety «Food Safety@DOH.WA.GOV»; Graham Joe M (DOH) «Joe Graham@DOH.WA.GOV»; Scholer's Benjamin (CDC/DDID/NCEZD/DFWED) «pice@cot.gov»; Shelton Suan E (DOH) «usan.shelton@doh.wa.gov»; Haorun Caroline (CDC/DDID/NCEZD/DFWED) «rhv@doc.gov»

External Email

Sure I'm free all afternoon but would have to check will Alida with RRT on her ava lability. Are there any spec fic times that would work best on your end?

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

From: Melius Beth J [DOH] https://www.goup"/https://www.goup">https://www.goup"/https://www.goup"/https://www.goup">https://www.goup"/https://www.g m Joe M (DOH)

I will be ore specific information to share at noon our time. No new cases in SEDRIC so probably no contaminated product circulating at least. Do you think it would be worthwhile to have a quick meeting with Epi and the RRTs to share info on one call?

Beth

From: Melius Beth J (DOH) <Beth.Melius@DOH.WA.GOV>

Prom. Nexilia senta (UCH) <u>Gent Metalamborn Matalan</u> Sent Tuesdy December 21: 2021: 1005 AM Ter. Rounds Johnes (MDH) <u>Gents rounds/Batter m.up</u>: NcDormic Zechary (DOC/DDID/NCEZIO/DFWED) <u>Gattificits gop</u>; Stewart Laurie K (DOH) <u>Gaurie Stewart/BODH W.A.GO</u>); Marthall Nicole C (DOH) <u>Ginzie marthall/Bioth wa gop</u>; Medus Carlota (MDH) <u>Ganda metalambirod Hwile</u> (MDH) <u>Gangi Educir/Bitater m.up</u>: Saype Amy (MDH) <u>Gang zauge/Bitater m.up</u>: DOH DOH GOEF Enteric <u>ODHDOHSCOEFEnteric/Boh wa gop</u>; ODH EPH Food Safety <u>Good Safety/BOOH W.A.GO</u>); Graham Je <u>Ganda metalambirod HW.A.GOD</u>; Scheller Benjamin (DOC/DDID/NCEZID/DFWED) <u>GazzBificit gop</u>; Shelton Susan E (DOH) <u>Guzan zheton/Bioth wa gop</u>; Habrun Caroline (CDC/DDID/NCEZID/DFWED) <u>GazzBificit gop</u> , Joe M (DOH) Subject: RE: E. coli O121 case investigation

Looks like Taylor Farms from Salinas for Panera as well

From: Rounds Joshua (MDH) @state.mn.us>

Sent: Tuesday Decen ber 21 2021 8:52 AM

Sent: Ulocal y December 21 2021 32 2 AM Sent: Ulocal y December 21 2021 32 2 AM The Melias Behl y DOH (<u>actin Male DOH WA.801</u>); McCormic Zachary (CDC/DDID/NCE2ID/DFWED) (<u>actin Male DOH WA.801</u>); Marshall Nicole C (DOH) (<u>actin Male DOH WA.801</u>); Saupe Amy (MDH) (<u>actin Male DOH WA.801</u>); Graham Joo M (DOH) (<u>actin Manafil DOH WA.801</u>); Sancier Benjamin (CDC/DOID/NCE2ID/DFWED) (<u>actin Male C (DOH) (<u>actin Male C (DOH) (actin Male C (DOH) (actin Male C (DOH) (actin Male C (DOH) (actin Male C (DOH) (<u>actin Male C (DOH) (actin Male C (DOH) (actin Male C (DOH) (actin Male C (DOH) (actin Male C (DOH) (<u>actin Male C (DOH) (actin Male C (DOH) (actin Male C (DOH) (actin Male C (DOH) (actin Male C (DOH) (<u>actin Male C (DOH) (actin Male C</u></u></u></u></u> Subject: RE: E. coli O121 case investigation

External Email

That's great! Yes our RRT just let me know this morning that all the romaine served at our Chipotle locations over the time period of our meal dates was sourced from Taylor Farms - Salinas CA

Hi Beth

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

From: Melius Beth J (DOH) <<u>Reth Melius BOOH WA BOOH</u> Sent: Tussdy December 21 2021 1024 AM The Rounds Johns (MOH) <<u>computer music</u> McCommic Zachary (DOC/DDID/NEEDD/DFWED) <<u>custaBlack goo</u>; Stewart Laurie K (DOH) <<u>custaBlack and UP</u>; Marshall Nicole C (DOH) <<u>custaBlack and UP</u>; Mershall Nicole C (DOH) <<u>custaBlack and UP</u>; DOH DOHS COEPI Enteric <<u>CONDICICCEPEIntericBlack was goo</u>; ODH EPH Food Safety <<u>Cood Safety#DOH WA 800</u>; < <<u>custaBlack And UP</u>; MacDid: Safety <<u>Cood Safety#DOH WA 800</u>; <<u>custaBlack and UP</u>; Mershall Nicole C (DOH) <<u>custaBlack and UP</u>; DOH DOHS COEPI Enteric <<u>CONDICICCEPEIntericBlack was goo</u>; ODH EPH Food Safety <<u>cood Safety#DOH WA 800</u>; <<u>custaBlack and UP</u>; <u>Safety#DOH WA 800</u>; <<u>custaBlack and UP</u>; <u>Cood Safety#DOH WA 800</u>; <<u></u> i) Joe M (DOH)

Hi Josh

It looks like our RRT is taking with your RRT so we should have some answers today about trace back and convergence. We are still going through invoices and should have a summary today after our 11 am meeting.

Thanks

Beth

From: Rounds Joshua (MDH) - <u>cjoshua rounds@state mn.up</u>-Sent: Thursday December 16: 2021 1:17 PM Ter: Melius Beth J (DOH) - <u>closh Meliu@DOH.WA.001</u>/y; McComic Zachary (GOC/DOID/NGEZD/DFWED) - <u>cjost@fdcc.gop</u>; Stewart Laurie K (DOH) - <u>closh Stewart@DOH.WA.001</u>/y; Marshall Nicole C (DOH) - <u>closh marsha l@idoh.wa.gop</u>; Medus Carlota (MDH) - <u>carlota media@date.ma.up</u>: Sceneier Benjamin (GOC/DOID/NGEZD/DFWED) - <u>cpost@fdcc.gop</u>; Shetwart Laurie K (DOH) - <u>closh COHEDERSOF@Interic@doh.wa.gop</u>; DOH EMF Food Safety - <u>Closd Safety@GOL/WA.001</u>/y; Graham Joe M (DOH) - <u>clos @maham@DOH.WA.001</u>/y; Schelier Benjamin (GOC/DOID/NGEZD/DFWED) - <u>cpost@fdccc.gop</u>; Sheton Susa E (DOH) - <u>clusan sheton@idoh.wa.gop</u>; DH EMF Food Safety - <u>Closd Safety@GOL/WA.001</u>/y; Graham Joe M (DOH) - <u>clos @maham@DOH.WA.001</u>/y; Schelier Benjamin (GOC/DOID/NGEZD/DFWED) - <u>cpost@fdccc.gop</u>; Sheton Susa E (DOH) - <u>clusan sheton@idoh.wa.gop</u>; Habrun Caroline (COC/DOID/NGEZD/DFWED) - <u>chuid@fdcct.gop</u>; Sheton Susa E (DOH) - <u>clusan sheton@idoh.wa.gop</u>; Habrun Caroline (COC/DOID/NGEZD/DFWED) - <u>chuid@fdcct.gop</u>; Sheton Susa E (DOH) - <u>clusan sheton@idoh.wa.gop</u>; Habrun Caroline (COC/DOID/NGEZD/DFWED) - <u>chuid@fdcct.gop</u>; Sheton Susa E (DOH) - <u>clusan sheton@idoh.wa.gop</u>; Habrun Caroline (COC/DOID/NGEZD/DFWED) - <u>chuid@fdcct.gop</u>; Sheton Susa E (DOH) - <u>clusan sheton@idoh.wa.gop</u>; Habrun Caroline (COC/DOID/NGEZD/DFWED) - <u>chuid@fdcct.gop</u>; Sheton Susa E (DOH) - <u>clusan sheton@fdch.wa.gop</u>; Habrun Caroline (COC/DOID/NGEZD/DFWED) - <u>chuid@fdcct.gop</u>; Sheton Susa E (DOH) - <u>clusan sheton@fdch.wa.gop</u>; Sheton Susa E (DOH) - <u>clusan sheton@fdch.wa.go</u> Subject: RE: E. coli O121 case investigation

External Email

Perfect I'll tell our RRT to focus on the romaine traceback

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

Thanks Josh. Attached is an ingredient list from Panera. It doesn't look like our cases had any of the ingredients that would be consistent with that Chipotle sals

Beth

Hi Bet

Feen: Bounds Joshne (MOH) <u>spanna numericalisate mn up</u>-Sent: Thursday December 18: 2021 21:21 PM Thursday December 18: 2021 21:21 PM Thursday December 18: 2021 21:21 PM Thursday December 19: 2021 21:21 PM Canada mediadilisate mn up: Decuir Marije (MOH) marija Securifisate mn up; Saupe Amy (MOH) <u>spanna securifisate mn up</u>: Decuir Marije (MOH) <u>spanna securifisate mn up</u>: Saupe Amy (MOH) <u>spanna securifisate mn up</u>: Decuir Marije (MOH) <u>spanna securifisate mn up</u>: Saupe Amy (MOH) <u>spanna securifisate mn up</u>: Saupe Amy (MOH) <u>spanna securifisate mn up</u>: Decuir Marije (MOH) <u>spanna securifisate mn up</u>: Saupe Amy (MOH) <u>spanna securifisate mn up</u> Subject: RE: E. coli O121 case investigation

External Email

Sony I think I forgot to respond to you on this. Our RRT folks asked us to collect invoices for the month before the case's meal date so that's what we went with.

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

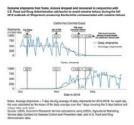
DEPARTMENT OF HEALTH

Prem: Melius Beth / [ODH] <ach. Melius Beth / [ODH] <ach. Melius BECh Subject: RE: E. coli O121 case investigation

Thanks Josh! Interesting information from your cases with Chipotie (and leafy greens) exposure. We have been working with local jurisdictions and WSDA to get invoices for the ingredients that we know are common among our two cases that ate at Panera. I thought we would go back 3-4 weeks from meal date for those?

Didn't we have a leafy greens outbreak a while back that was D121? Maybe those are historical isolates from that? Also the meal dates are right around the time leafy greens witch from CA to AZ and I feel like we always see clusters during the change.

Laurie found this:



I'll keep you posted with whatever information we receive

Thanks! Beth

From: Rounds Joshua (MDH) <joshua rounds@state.mn.us>

From: Nounice Journal (NUMP) Specific Journee Journal Journey State Jour

	External Email
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s and they do appear to be from previo

				KY20-											
		MICL20-		104596541-	MI_CL20-		MICL17-			MNH21-		MN			
CEMLST	OH2020006735	167569	WAWA0454276	1312	167561	WAWA0457853	165437	OR19112606834	AZAZ00060508	16885	WAWA0697014	16904	WAWA0697354	UT10704:	18
OH2020006735	0	0	0	0	1	2	3	3	3	2	2	2	2	έ	4
MICL20-167569	0	0	0	0	1	2	3	3	3	2	2	2	2	£	4
WAWA0454276	0	0	0	0	1	2	3	3	3	2	2	2	2	<u>1</u>	4
KY20-104596541-															
1312	0	0	0	0	1	2	3	3	3	2	2	2	2	<u>(</u>	4
MICL20-167561	1	1	1	1	0	1	2	2	2	1	1	. 1	1	4	з
WAWA0457853	2	2	2	2	1	0	3	3	3	2	2	2	2	4	4
MICL17-165437	3	3	3	3	2	3	0	0	0	1	1	. 1	1	L	1
OR19112606834	3	3	3	3	2	3	0	0	0	1	1	. 1	1	L	1
AZAZ00060508	3	3	3	3	2	3	0	0	0	1	1	. 1	1	L	1
MNH21-16885	2	2	2	2	1	2	1	1	1	0	0	0	0	4	2
WAWA0697014	2	2	2	2	1	2	1	1	1	0	0	. 0	0	4	2
MNH21-16904	2	2	2	2	1	2	1	1	1	0	0	. 0	0	4	2
WAWA0697354	2	2	2	2	1	2	1	1	1	0	0	0	0	4	2

isolate	date	unknown
Isolate	date	2016
Isolate	date	2017
isolate	date	2019
Isolate	date	2020

osh Rou nds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

om: Rounds Joshua (MDH)

Sent: Thursday December 16 2021 11:34 AM Te: McCormic Zachary (CDC/DDID/NCE2ID/DF) Can Dealey Concerned and Can Dealey Concerned

BDOH WA GOV>; Schneider Benjamin (CDC/DDID/NCE2ID/DFWED) < apr& Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan E (DOH) < susan shelton Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan Susan Bdoh wa gov>; Habrun Caroline (CDC/DDID/NCE2ID/DFWED) < ahv9Bicdc gov>; Shelton Susan Su <loc Graham Subject: RE: E. coli O121 case investigation

Good morning!

I have an MN update both of our cases report eating at different Chipotle locations! We are planning to call back both cases with a Chipotle specific interview to get details on things like salas which may have been missed on the initial interviews (deta is in the table below). However both cases report romaine lettuce at Chipotle and believe both WA cases would have eaten the same least green mix including romaine lettuce at Panens Bread is that correct? On the NN side we are planning to get invoices for these two Chipotle locations to pursue a traceback investigation with WA MRT FRAM. Would WA be interviewed at Chipotle? I'm thinking things like tomatoes avoid have exceeded clantor jalapeno peppers and onion. ures? Are there any other ingredients that the two WA cases would

Lab ID	MEDSS	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21- 16904	111703389	18	Rochester	Olmsted	No	11/30	11/26	No	Parents dog	Aldi Costco Welmart	Chipotle (1201 Broadway Ave 5 Ste 60, Rochester, MN) (11/23) 2440 Burrito bow (stesk & chx, lettuce, cheese, sour cream) (11/25) 1350 Tacos (jstesk & chx lettuce, cheese, sour cream) Kumo Sushi (11/21) Soly beta (11/22) French toast bacon eggs Hubbell House (11/23) Soup beer maybe other things Chick-Fil-A (11/24) Spir) chx andwich (w/ lettuce & tomato) chicken tenders	Other leafy greens exposures: Prepactaged salad that included romaine hearts from Walmart. May have eaten salad at Hubbell House
H21- 16885	111614491	21	Oronoco	Oimsted	No	11/28	11/26	No	Unknown	Unknown	11/20 Chipote (3780 Marketplace Dr Nw Ste 100 Rochester MN Bowl - Rice Lettuce Chicken Cheese Salta Sour Cream Smoked Brücket 11/37 Dominos Fizza Pepperoni Fizza Cheesy Bread	Case refused full interview but answered limited questions about restaurants

Additionally 1 had requested that our lab double check to ensure that our cases were 0 alieles from the WA cases (even though they have the same aliele code) and they sent me this (below). I haven't had time to see when the other cases that are 1-2 alieles from the WA and WA isolates are from and some might be old. Zach maybe you already did this but do you want to reach out to the Pulselet floits to see if there are any other recent cases that are within a few alieles of the WA/MN cases? It would seem a little strange to have a commercially distributed floation outbreak to pop un only WA and MN without other additional states.

				KY20-										
		MI_CL20-			MI CL20-		MICL17-			MNH21-		MNH21-		
cgMLST	OH2020006735		WAWA0454276	1312	167561	WAWA0457853		OR19112606834	AZAZ00060508		WAWA0697014		WAWA0697354	UT1070418
OH2020006735	0	0	0	0	1	2	3	3	3	2	2	2	2	4
MICL20-167569	0	0	0	0	1	2	3	3	3	2	2	2	2	4
WAWA0454276	0	0	0	0	1	2	3	3	3	2	2	2	2	4
KY20-104596541-														
1312	0	0	0	0	1	2	3	3	3	2	2	2	2	4
MICL20-167561	1	1	1	1	0	1	2	2	2	1	1	1	1	3
WAWA0457853	2	2	2	2	1	0	3	3	3	2	2	2	2	4
MICL17-165437	3	3	3	3	2	3	0	0	0	1	1	1	1	1
OR19112606834	3	3	3	3	2	3	0	0	0	1	1	1	1	1
AZAZ00060508	3	3	3	3	2	3	0	0	0	1	1	1	1	1
MNH21-16885	2	2	2	2	1	2	1	1	1	0	0	0	0	2
WAWA0697014	2	2	2	2	1	2	1	1	1	0	0	0	0	2
MNH21-16904	2	2	2	2	1	2	1	1	1	0	0	0	0	2
WAWA0697354	2	2	2	2	1	2	1	1	1	0	0	0	0	2
UT1070418	4	4	4	4	3	4	1	1	1	2	2	2	2	0

Let me know if you have any questions. Thanks!

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

Frem: McCormic Zachary (DOQ/DDID/NGEDD/DFWED) <spicilizations Sent: Thursday December 15 2021 9:03 AM To: Nelius Edu 1001 / controlling/DOCH WA 2000; Rounds Joshua (NDH) <joshua rounstificate mn.up; Stewert Laurie K (DOH) <<u>Laurie Stewert/BOH WA 800</u>; Mershall Nicole C (DOH) <<u>spicel marshall/Bioh.wa goo</u>; Medus Centos (MDH) <<u>cantos medua/Bistete mn.up;</u> Deh DOH DOH SOEPE Enter: <<u>cOHIDOHSOEPEInter://Bioh.wa goo</u>; DOH EPH Food Safety/<u>BOOH WA 800</u>; Graham Joe M (DOH) <<u>cantos medua/Bistete mn.up;</u> DOH DOH SOEPE Enter: <<u>cOHIDOHSOEPEInter://Bioh.wa goo</u>; DOH EPH Food Safety/<u>BOOH WA 800</u>; Graham Joe M (DOH) <<u>cantos medua/Bistete mn.up;</u> Bahrun Caroline (DOHOC/DOID/NGEZD/DFWED) <<u>chu/Bistete 200</u>; States M (DOH) <<u>cantos medua/Bistete mn.up;</u> DOH DOH SOEPE Enter: <<u>cOHIDOHSOEPEInter:/Bioh.wa goo</u>; DOH EPH Food Safety/<u>BOOH WA 800</u>; Graham Joe M (DOH) <<u>cantos medua/Bistete mn.</u>; DOHO OH SOEPE Enter: <<u>cOHIDOHSOEPEInter:/Bioh.wa goo</u>; DOH EPH Food Safety/<u>BOOH WA 800</u>; Graham Joe M (DOH) <<u>cantos medua/Bistete mn.</u>; DOHO OH SOEPE Enter: <<u>co</u>OHIDOHSOEPEInter:/Bioh.wa goo; DOH EPH Food Safety/<u>BOOH WA 800</u>; Graham Joe M (DOH) <<u>cantos medua/Bistete mn.</u>; DOHO OH SOEPE Enter: <<u>co</u>OHIDOHSOEPEInter:/Bioh.wa goo; DOH EPH Food Safety/<u>BOOH WA 800</u>; Graham Joe M (DOH) <<u>cantos medua/Bistete</u> mn.up; Babiety <<u>Cool Safety/BOOH WA 800</u>; Graham Joe M (DOH) <<u>cantos medua/Bistete</u> mn.up; Babiety <<u>Cool Safety/BOOH WA 800</u>; Graham Joe M (DOH) <<u>cantos medua/Bistete</u> mn.up; Babiety <<u>Cool Safety/BOOH WA 800</u>; Graham Joe M (DOH) <<u>cantos medua/Bistete</u> mn.up; Babiety <<u>Cool Safety/BOOH WA 800</u>; Graham Joe M (DOH) <<u>cantos medua/Bistete</u> mn.up; Babiety <<u>Cool Safety/BOOH WA 800</u>; Graham Joe M (DOH) <<u>cantos medua/Bistete</u> mn.up; Babiety <<u>Cool Safety/BOOH WA 800</u>; Babiety <<u>Cool Safety/BIOH WA 80</u>; Babiety <<u>Cool Safety/</u>

Thanks Beth and Josh

I'll be in touch!

Zach

Not yet in WA.

Beth

From: Rounds Joshus (MDH) cjoshus roundsliftster mn.utx> Sent: Thursday: December 15: 2021 6:33 AM To: McCommit Sectory (CoC)COM/MCD2D/DVEDD) cjustilitatic mn.utx): Denuir K (DOH) cjustilitatic mn.utx): Benuir K (DOH) cjustilitatic mn.utx): Denuir Manifile (MDH) cmarific.accurifitiatic mn.utx): Supper Amy (MOH) camusauceflicate mn.utx): DOH DOHS COEPI Enteric COHODISCOEPIEnteric/Bioh.ws.gox): DOH EPH Food Safety cfood Safety/BDOH WA.GOX): Graham BooH (MDH) cjustilitate mn.utx): Denuir Manifile (MDH) cmarific.accurifitiatic mn.utx): Supper Amy (MOH) camusauceflicate mn.utx): DOH DOHS COEPI Enteric COHODISCOEPIEnteric/Bioh.ws.gox): DOH EPH Food Safety cfood Safety/BDOH WA.GOX): Graham Joe M (DOH) cjustilitate mn.utx): Statistic mn.utx): Securir Manifile (MDH) Safet: RE: E coi 0221 case investigation

External Email

Not in MN.

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit Minnesota Departme Office: 651-201-5083 ent of Health



From: McCormic Zachary (CDC/DDID/NCEZID/DFWED) www.cachary.com/doc.gov/

Sent: Thursday December 16 2021 8:23 AM

Te: Rounds Johna (MDH) <u>cjonhu zoundsifistate mn.up</u>; Stewart Laurie K (DOH) <u>claurie Stewart/BOH WA GOI</u>D; Marshall Nicole C (DOH) <u>cjonhu zoundsifistate mn.up</u>; Stewart Laurie K (DOH) <u>claurie Stewart/BOH WA GOID</u>; Marshall Nicole C (DOH) <u>cjonhu zoundsifistate mn.up</u>; Stewart Laurie K (DOH) <u>claurie Stewart/BOH WA GOID</u>; Marshall Nicole C (DOH) <u>claurie stewart/BOH WA GOID</u>; Stewart Laurie K (DOH) <u>claurie Stewart/BOH</u>; Stewart Laurie K (DOH) <u>stewart Stewart BOH</u>; Stewart Laurie K (DOH) <u>stewart Stewart BOH</u>; Stewart BOH (Stewart BOH) <u>stewart Stewart BOH</u>; Stewart BOH (Stewart BOH) <u>stewart Stewart BOH</u>; Stewart BOH) <u>stewart Stewart BOH</u>; Stewart BOH) <u>stewart Ste</u> us»; Decuir Marike (MDH) GOV>: Schneider Benjamir (CDQ/DDID/NCEZID/DFWED) commons.com (CDQ/DDID/NCEZID/DFWED) www.searchitecommons.com (Antisecommons.com (Antise ubject: RE: E. coli O121 case investigation

Thanks for the updates and keeping CDC in the loop - much appreciated!

onitoring and will code once this gets to 5 cases. In the meantime is anyone thinking of doing any press or media about these c

From: Rounds Joshua (MDH) <joshua.rounds@state.mn.us>

Frem: Rounds: Joshia (MDH) (gobua rounds/Estate muus> Sent: Wednessel) December 15 302 (E32 FM To: Stewart: Laurie K (DOH) (duarde Stewart/Biology WA 601)>; Marshall Nicole C (DOH) (duorde marshall/Bioch wa gos); Medus: Carlota (COC state.mn.us) (dastin medus/Bistate muus); Decuir Manijie (MDH) (marijie decuir/Bistate muus); Saupe Amy (MDH) (amy stappellistate muus); DOH OHS COEP Interio: @UHDCHSCOEP/EnterioRided.mar.gos); DOH EPH Pood Safety (-Socd Safety/BDH: WA. 801)>; Grantam. Joe M (DOH) (doe dintam/BDH: WA.801)>; Soneider Benjamin (CDC/DOID/NCE2ID/DPWED) (upz#Bi Sachary (COC/DON/NCE2ID/NDE) (upz#Bi Sabject: RE: E. col 0121 case investigation nz8@cdc.eoyo; McC

Hitaurie

Yes our lab just let us know that this case is closely related this evening. I'm tracking down the initial case interview and I'll let you know what exposures he reported

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

From: Stewart Laurie K (DOH) <Laurie Stewart@DOH WA GOV>

From: Stewart Laurie K (DOH) (<u>suure StewartBloom va Guop</u>) Sent: Wednesday Docement is 2002 (1450 PM To: Rounds Joshua (MDH) <u>cjantuaroundsiBistetem nup</u>; Marshall Nicole C (DOH) <u>cjinole macaballificioh va goop</u>; Medus Carlota (MDH) <u>cjantota meduziBistetem nup</u>; Decuir Marijke (MDH) <u>cjantuaroundsiBistetem nup</u>; Saupe Amy (MDH) <u>cjantuarou</u> Higt

Hi Josh

Nicole Marshall is presenting right now but I just want to let you know there is a new Minnesota case who matches this cluster. The id is MN_H21-16904

Do you have any information about this case?

Laute K. Stewart MS Pronours she/her Footborne and Waterborne Disease Epidemiologist Office of Communicable D sease Epi dem ology Washington State Department of Health Lauter shewartliktohuwa gov www.doh.wa.gov 564-999-1223 (mobile—can accept texts) 206-364-1060 (fax) ¥100M9

From: Rounds Joshua (MDH) <joshua rounds@state.mn.us> Sent: Tuesday Decer ber 14 2021 7:29 AM

Sent: Trustay December 14 2017;29 AM Tex Marshall Nicole (DOH)-cinics: mashall@don.wa.goo; Nedus: Carlota (MDH)-(carlota.medus@state.mn.up;) Cecuir Marijke (MDH)-(carlota.medus@state.mn.up;) Supe Amy (MDH)-(carlota.medus@state.mn.up;) Cecuir Marijke (Cecuir@state.mn.up;) Supe Amy (MDH)-(carlota.medus@state.mn.up;) Cecuir Marijke (Cecuir@state.mn.up;) Supe Amy (MDH)-(carlota.medus@state.mn.up;) Cecuir@state.mn.up;) Cecuir@state.

External Email

We were able to reach our case last night. She denied eating at Panera Bread during the week before her onset. The two restau urants that she did eat at are Chipotle and Dominos Pizza (details below)

offe Me cal Date: 11/20/2021 owl - Rice Lettuce Chicken Cheese Salsa Sour Cream Smoked Brisket

Meal Date: 11/17/2021 Pepperoni Pizza Cheesy Bread

Hi Nicol

Let me know if you have any questions. Thanks!

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





Frem: Marshall Nicole C (DOH) <a locate marshall Bloch was goop Sent: Monday December 13 2021 23 2 M The Rounds John (MOH) <a locate marshall Bloch was goop The Rounds John (MOH) <a locate marshall Bloch was goop DOH EPH Rood Setty <a locate marshall Bloch was goop DOH EPH Rood Setty <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop Sent: Marshall Note C (DOH) <a locate marshall Bloch was goop <a locate marshall Bloch wa

Thank you Josh!

Also if it's at all heipful we learned that there is a MyPanera rewards membership that one of our cases used. Figured l'd pass the info along in case your case did eat at Panera Bread but doesn't remember the location or what they ordered

Best Nicole

Nicole Marshall (Schwalbe) MPH Footborne and Enteric Disease Epidemiologist Office of Communicable Disease Epidemiology Division of Disease Control and Health Statistics Washington State Department of Health In cale-marshall@doh.wa.gov 564-999-1233 (cell – direct line) | <u>www.doh.wa.gov</u> 206-364-1060 (fax)

Gender Pronouns she/her V f 6 o M

Frem: Rounds Joshus (MDH)
 Sent Monday December 13 20211209 FM
 Sent Monday December 13 20211209 FM
 Tex Marshall Robot was goody Media: Carlots (MDH) mailto:carlots.medus@state.mo.up; Decuir Manjile (MDH) <a href="mailto:carlots.

External Email

Hi Nicole That is expl and is less the state of the state of the interview initially so we don't know if she ate at Panera only that her onset was 11/26 and she didn't travel anywhere. I'm going to have our students reach back out to ask specifically about Pa and I'll et you know what we find out. Thanks again!

Josh Rounds, MPH Epidemiologist Senior| Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

From: Marshall Nicole C (DOH) https://www.com/statemarshallflooh.ws.gop/Sente.Monday_December:13 2021148_PM To: Nedus: Canota (MDH) <a href="https://www.com/statemarshallflooh.ws.gop/sentemarshallflooh.ws.gop/se

Subject: E. coli 0121 case investig

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Hello Minnesota foodborne outbreak team

We started looking into two cases of E. coli 0121 last Friday who both reported eating at Panera Bread on 11/19/2021. Today a Minnesota isolate was uploaded with the same allele code

II TITLE	🗄 WGS ID	ALLELE CODE	SEROTYPE CALCULATED
G MN_H21-16885	PNUSAE091113	EC1.0 - 18.1.14.38.16	0121:H19
@ WAWA0697354	PNUSAE091051	EC1.0 - 18.1.14.38.16	0121:H19
@ WAWA0897014	PNUSAE093854	EC1.0 - 18.1.14.38.16	0121:H19

Here is what we know about our two cases Panera bread exposures

Epi case ID	Lab	PulseNet	County	Onset	Panera Meal Date and time		Panera	Note
						Geen		
						Goddess		
						Cobb Salad		
						with		
						Chicken,		
						beguette,		
						Fench		
						Bist o		
						Onion		Noted that a saled
						Soup,	South Sound	item equi ed
						Geen	location-	substitut on
					11/19/2021,	Passion	possibly	(possibly pickled
103825807	WA0697014	PNUSAE090854	Snohomish	11/21/2021	Lunch	Smooth e	Tacoma Mall	ed on on)
						Caesa		Asked fo no
						salad w/		omaine so the
						ch cken,		a ugula, omaine,
						beguette,		kale, ed leaf blend
						C earny		that was also used
						Chicken &		in the G een
						Wild Nice	2107 S. 320th	Goddess salad was
						Soup,	Fede al Way	subbed by
					11/19/2021,	unknown	(outside The	estau ant (pe
103823767	WA0697354	PNUSAE091051	Pie ce	11/23/2021	Lunch	beve age	Commons mail	eceipt)

Next steps

Snohomish is attempting to confirm the meal location for their case

Pierce will confirm what beverage their case had with their meal (they are a smoothie drinker so we are wondering if they had the same smoothie as the other case)

- King County environmental health will go out to the Federal Way location (where we know the Pierce county case lunched) and will enquire
 - About the preparation and source of foods eaten there by the Pierce case and also the foods which might have been eaten there by the Snohomish case
 - Ill food workers handwashing food handling etc Whether they share workers with other Panera Bread locations

Can you share what you know about your case? We will update SEDRIC with data for each of our cases.

Warm regards

Nicole

Nicole Marshall (Schwalbe) MPH Foodborne and Enteric D sease Epidemiologist Office of Communicable D sease Epidemiology Drivis on of Disease Control and Health Statistics Washington State Department of Health n <u>cole.marshall@doh.wa.gov</u> 564-999-1233 (cell – direct line) | <u>www.doh.s</u> 206-364-1060 (fax) Gender Pronouns_she/her

V f G o M

From:	Rounds, Joshua (MDH)
To:	Chowdhury Sagar
Subject:	RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date:	Thursday, December 16, 2021 2:31:00 PM

Perfect, thank you, I received both!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



? ? ? ?

From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Sent: Thursday, December 16, 2021 2:24 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Here are the invoices for the Marketplace location.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 1:45 PM
To: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Sounds good, thank you!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





From: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>
Sent: Thursday, December 16, 2021 1:40 PM
To: Rounds, Joshua (MDH) <<u>joshua.rounds@state.mn.us</u>>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Joshua,

I have visited both stores, and have implemented active screening at both locations. I have the invoices as well, they are pretty large stacks, so I will start scanning and sending them your way. It may take a bit of time though, as I will likely have to break it up into multiple emails.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 12:10 PM

To: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>; Melius Michael <<u>melius.michael@CO.OLMSTED.MN.US</u>>; Bjork Matthew <<u>bjork.matthew@CO.OLMSTED.MN.US</u>>; Sherden Meaghan <<u>sherden.meaghan@CO.OLMSTED.MN.US</u>> Cc: Hedeen, Nicole (MDH) <<u>nicole.hedeen@state.mn.us</u>>; Carlton, Kim (MDH) <<u>kim.carlton@state.mn.us</u>> Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

And sorry one error my end. Please request the invoices for the following dates

- 10/23 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- 10/20 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083





From: Chowdhury Sagar < < chowdhury.sagar@CO.OLMSTED.MN.US >

Sent: Thursday, December 16, 2021 11:39 AM

To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; Mike Melius <melius.michael@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>
 Cc: Hedeen, Nicole (MDH) <nicole.hedeen@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
 Subject: RE: E. coli 0121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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Joshua,

I will get an inspector out to both locations ASAP. We will get employee screening in place and work to get the receipts. We will keep you posted. Thank you for the update and coordination.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 11:23 AM

To: Melius Michael <<u>melius.michael@CO.OLMSTED.MN.US</u>>; Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>;
 Bjork Matthew <<u>bjork.matthew@CO.OLMSTED.MN.US</u>>; Sherden Meaghan <<u>sherden.meaghan@CO.OLMSTED.MN.US</u>>
 Cc: Hedeen, Nicole (MDH) <<u>nicole.hedeen@state.mn.us</u>>; Carlton, Kim (MDH) <<u>kim.carlton@state.mn.us</u>>
 Subject: E. coli 0121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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Hi Michael, Sagar, Matthew, and Meaghan

We have an interesting potential foodborne outbreak investigation. We have two MN cases of *E. coli* O121 from Olmsted county that are closely related by WGS to two cases from Washington. WA reached out and both their cases ate at different Panera locations, and both ate salads that likely contained a common leafy green mix (arugula, romaine, kale, and red leaf). The MN cases both report eating at different Chipotle locations in Rochester (please see the case info in the table below). We need to call our cases back to get better details on the Chipotle ingredients they would have eaten (i.e. salsas) but both did report romaine lettuce. At this time we are interested in MDA RRT/FDA pursuing a traceback investigation

with WA on any common ingredients that our Chipotle cases share with the WA Panera cases. Since it appears to be a multi-state commercially distributed food outbreak, I'm planning to continue to lead the epi investigation.

What I'm requesting of you:

- Please request <u>all</u> invoices for both Chipotle locations going back one month prior to the cases meal date
 10/23 11/23 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- 10/20 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location
- Please have the restaurants put in place an employee screening form (attached)
- · No need for employee interviews or employee stool testing at this time
- From previous Chipotle outbreak investigations we've had a lot of success getting online orders from Chipotle corporate, so I'll reach out to them and there is no need for you to get credit card receipts from the restaurants.

Please let me know if you have any questions. Thank you!

Lab ID	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21- 16904	18			No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway	
										Ave S Ste 60,	haahaan
										Rochester, MN)	has been excluded
										(11/23) 2140	from work pending 2
										Burrito bowl (steak	negative stool
										& chx, lettuce, cheese,	specimens Other leafy
										sour cream) (11/25)	greens exposures:
										1350 Tacos	Prepackaged salad that
										(steak & chx lettuce,	included romaine
										cheese, sour cream)	hearts from Walmart. May have
										Hubbell House	eaten salad at Hubbell
										(11/23) Soup beef, maybe	House
										other things,	
										Chick-Fil-A (11/24) Spicy chx	
										sandwich (w/ lettuce	
										& tomato),	

									chicken tenders Kumo Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll, California roll Perkins (11/22) French toast, bacon, eggs	
H21- 16885	21		Νο	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread	Case refused full interview but answered limited questions about restaurants

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





From:	Chowdhury Sagar
То:	Rounds Joshua (MDH)
Subject:	RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date:	Thursday, December 16, 2021 2:25:16 PM
Attachments:	Chipotle Marketplace Invoice.pdf

Here are the invoices for the Marketplace location.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 1:45 PM
To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Sounds good, thank you!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083





From: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>
Sent: Thursday, December 16, 2021 1:40 PM
To: Rounds, Joshua (MDH) <<u>joshua.rounds@state.mn.us</u>>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Joshua,

I have visited both stores, and have implemented active screening at both locations. I have the invoices as well, they are pretty large stacks, so I will start scanning and sending them your way. It may take a bit of time though, as I will likely have to break it up into multiple emails.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 12:10 PM

To: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>; Melius Michael <<u>melius.michael@CO.OLMSTED.MN.US</u>>; Bjork Matthew <<u>bjork.matthew@CO.OLMSTED.MN.US</u>>; Sherden Meaghan <<u>sherden.meaghan@CO.OLMSTED.MN.US</u>> Cc: Hedeen, Nicole (MDH) <<u>nicole.hedeen@state.mn.us</u>>; Carlton, Kim (MDH) <<u>kim.carlton@state.mn.us</u>> Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

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From: Chowdhury Sagar < chowdhury.sagar@CO.OLMSTED.MN.US

Sent: Thursday, December 16, 2021 11:39 AM

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Joshua,

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Please let me know if you have any questions. Thank you!

Lab ID	Age	City	County	Hosp	Collection	Onset	Travel	Animal	Grocery	Restaurants	Notes
								Contact			

H21-	21	Oronoco	Olmsted	No	11/28	11/26	No	Unknown	Unknown	11/20	Case refused
16885										Chipotle	full
										(3780	interview
										Marketplace	but
										Dr Nw Ste	answered
										100,	limited
										Rochester,	questions
										MN)	about
										Bowl - Rice,	restaurants
										Lettuce,	
										Chicken,	
										Cheese,	
										Salsa, Sour	
										Cream,	
										Smoked	
										Brisket	
										11/17	
										Dominos	
										Pizza	
										Pepperoni	
										Pizza,	
										Cheesy	
										Bread	

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083



2 2 2 2 2

South Location Invoices.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 1:45 PM
To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Sounds good, thank you!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083





From: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>
Sent: Thursday, December 16, 2021 1:40 PM
To: Rounds, Joshua (MDH) <<u>joshua.rounds@state.mn.us</u>>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 12:10 PM

To: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>; Melius Michael <<u>melius.michael@CO.OLMSTED.MN.US</u>>; Bjork Matthew <<u>bjork.matthew@CO.OLMSTED.MN.US</u>>; Sherden Meaghan <<u>sherden.meaghan@CO.OLMSTED.MN.US</u>> Cc: Hedeen, Nicole (MDH) <<u>nicole.hedeen@state.mn.us</u>>; Carlton, Kim (MDH) <<u>kim.carlton@state.mn.us</u>> Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

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Sent: Thursday, December 16, 2021 11:23 AM

To: Melius Michael <<u>melius.michael@CO.OLMSTED.MN.US</u>>; Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>; Bjork Matthew <<u>bjork.matthew@CO.OLMSTED.MN.US</u>>; Sherden Meaghan <<u>sherden.meaghan@CO.OLMSTED.MN.US</u>>; Carlton, Kim (MDH) <<u>kim.carlton@state.mn.us</u>>; Carlton, Kim (MDH) <<u>kim.carlton@state.mn.us</u>>; Subject: E. coli 0121 Outbreak Investigation Likely Associated with Chipotle in Rochester

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Michael, Sagar, Matthew, and Meaghan

We have an interesting potential foodborne outbreak investigation. We have two MN cases of *E. coli* O121 from Olmsted county that are closely related by WGS to two cases from Washington. WA reached out and both their cases ate at different Panera locations, and both ate salads that likely contained a common leafy green mix (arugula, romaine, kale, and red leaf). The MN cases both report eating at different Chipotle locations in Rochester (please see the case info in the table below). We need to call our cases back to get better details on the Chipotle ingredients they would have eaten (i.e. salsas) but both did report romaine lettuce. At this time we are interested in MDA RRT/FDA pursuing a traceback investigation with WA on any common ingredients that our Chipotle cases share with the WA Panera cases. Since it appears to be a multi-state commercially distributed food outbreak, I'm planning to continue to lead the epi investigation.

What I'm requesting of you:

Please request <u>all</u> invoices for both Chipotle locations going back one month prior to the cases meal date

10/23 – 11/23 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location

- 10/20 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location
- Please have the restaurants put in place an employee screening form (attached)
- No need for employee interviews or employee stool testing at this time
- From previous Chipotle outbreak investigations we've had a lot of success getting online orders from Chipotle
 corporate, so I'll reach out to them and there is no need for you to get credit card receipts from the restaurants.

Please let me know if you have any questions. Thank you!

Lab ID	Age	City	County	Hosp	Collection	Onset	Travel	Animal	Grocery	Restaurants	Notes
								Contact			

H21-	21	Oronoco	Olmsted	No	11/28	11/26	No	Unknown	Unknown	11/20	Case refused
16885										Chipotle	full
										(3780	interview
										Marketplace	but
										Dr Nw Ste	answered
										100,	limited
										Rochester,	questions
										MN)	about
										Bowl - Rice,	restaurants
										Lettuce,	
										Chicken,	
										Cheese,	
										Salsa, Sour	
										Cream,	
										Smoked	
										Brisket	
										11/17	
										Dominos	
										Pizza	
										Pepperoni	
										Pizza,	
										Cheesy	
										Bread	

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083



2 2 2 2 2

From:	Chowdhury Sagar
To:	Rounds Joshua (MDH); Mike Melius; Bjork Matthew; Sherden Meaghan
Cc:	Hedeen Nicole (MDH); Carlton Kim (MDH)
Subject:	RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date:	Thursday, December 16, 2021 11:41:23 AM

Sorry, yes invoices!

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us> Sent: Thursday, December 16, 2021 11:40 AM

To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>; Melius Michael <melius.michael@CO.OLMSTED.MN.US>;
Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>
Cc: Hedeen, Nicole (MDH) <nicole.hedeen@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
Subject: RE: E. coli 0121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Thank you Sagar! Just to clarify, I just am looking for invoices and no patron receipts at this time. Thanks again!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





From: Chowdhury Sagar < < chowdhury.sagar@CO.OLMSTED.MN.US >

Sent: Thursday, December 16, 2021 11:39 AM

To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; Mike Melius <melius.michael@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>
 Cc: Hedeen, Nicole (MDH) <nicole.hedeen@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
 Subject: RE: E. coli 0121 Outbreak Investigation Likely Associated with Chipotle in Rochester

This message may be from an external email source. Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

Joshua,

I will get an inspector out to both locations ASAP. We will get employee screening in place and work to get the receipts. We will keep you posted. Thank you for the update and coordination.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 11:23 AM

To: Melius Michael <<u>melius.michael@CO.OLMSTED.MN.US</u>>; Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>;
 Bjork Matthew <<u>bjork.matthew@CO.OLMSTED.MN.US</u>>; Sherden Meaghan <<u>sherden.meaghan@CO.OLMSTED.MN.US</u>>
 Cc: Hedeen, Nicole (MDH) <<u>nicole.hedeen@state.mn.us</u>>; Carlton, Kim (MDH) <<u>kim.carlton@state.mn.us</u>>
 Subject: E. coli 0121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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Hi Michael, Sagar, Matthew, and Meaghan

We have an interesting potential foodborne outbreak investigation. We have two MN cases of *E. coli* O121 from Olmsted county that are closely related by WGS to two cases from Washington. WA reached out and both their cases ate at different Panera locations, and both ate salads that likely contained a common leafy green mix (arugula, romaine, kale, and red leaf). The MN cases both report eating at different Chipotle locations in Rochester (please see the case info in the table below). We need to call our cases back to get better details on the Chipotle ingredients they would have eaten (i.e. salsas) but both did report romaine lettuce. At this time we are interested in MDA RRT/FDA pursuing a traceback investigation with WA on any common ingredients that our Chipotle cases share with the WA Panera cases. Since it appears to be a multi-state commercially distributed food outbreak, I'm planning to continue to lead the epi investigation.

What I'm requesting of you:

- Please request <u>all</u> invoices for both Chipotle locations going back one month prior to the cases meal date
 10/22 11/22 for the 1201 Broadway Ave S Sta 60, Bosherter, MN Chipotle location
 - 10/23 11/23 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
 10/20 11/20 for the 3780 Marketplace Dr Nue Ste 100, Rochester, MN Chipotle location
- 10/20 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location
 Please have the restaurants put in place an employee screening form (attached)
- No need for employee interviews or employee stool testing at this time
- From previous Chipotle outbreak investigations we've had a lot of success getting online orders from Chipotle corporate, so I'll reach out to them and there is no need for you to get credit card receipts from the restaurants.

Please let me know if you have any questions. Thank you!

Lab ID	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21- 16904	18	Rochester	Olmsted	No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140 Burrito bowl (steak & chx,	
										lettuce, cheese, sour cream) (11/25)	Other leafy greens exposures:
										1350 Tacos (steak &	Prepackaged salad that included romaine
										chx lettuce, cheese, sour cream)	hearts from Walmart. May have
										Hubbell House (11/23) Soup beef,	eaten salad at Hubbell House
										maybe other things,	

										Chick-Fil-A (11/24) Spicy chx sandwich (w/ lettuce & tomato), chicken tenders Kumo Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll, California roll Perkins (11/22) French toast, bacon, eggs	
H21- 16885	21	Oronoco	Olmsted	No	11/28	11/26	No	Unknown	Unknown	<pre>11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread</pre>	Case refused full interview but answered limited questions about restaurants

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



??????

From:	Sorenson, Alida (MDA)
To:	Rounds Joshua (MDH)
Cc:	Smilanich Erin (MDA)
Subject:	RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date:	Thursday, December 16, 2021 3:18:56 PM

Excellent - thanks, Josh!

Alida

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 3:18 PM
To: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>
Cc: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>
Subject: RE: E. coli 0121 Outbreak Investigation Likely Associated with Chipotle in Rochester

I just heard back from WA that none of the mild tomato salsa ingredients would have been in the Panera dishes, so we can focus on the romaine for the traceback. Thanks!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083





From: Rounds, Joshua (MDH)
Sent: Thursday, December 16, 2021 2:39 PM
To: Sorenson, Alida (MDA) <<u>alida.sorenson@state.mn.us</u>>
Cc: Smilanich, Erin (MDA) <<u>erin.smilanich@state.mn.us</u>>
Subject: FW: E. coli 0121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Hi Alida,

I'm forwarding the Chipotle invoices in two emails. I haven't looked too closely at them yet so let me know if you see any issues.

One update we were able to reinterview the two cases to get more details on their Chipotle orders, they both also had the mild tomato salsa which contains roma tomatoes, red onion, cilantro, jalapenos, salt, and citrus juice. I'm checking with WA to see if those ingredients would have been in the Panera dishes, but at the moment the only common foods between Chipotle and Panera would be romaine lettuce and chicken (and I'm not very interested in chicken).

Thanks!

Lab ID	Restaurants
H21-16904	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140 Burrito bowl (steak & chx, white rice, no beans, romaine lettuce, cheese, sour cream,

	mild tomato salsa, bottled water) (11/25) 1350 Tacos (steak & chx, romaine lettuce, cheese, sour cream, white rice, no beans, mild tomato salsa, bottled water)
H21-16885	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Chicken, Smoked Brisket, White Rice, romaine Lettuce, Cheese, Salsa, Sour Cream, Mild Tomato Salsa, Chips, Queso Blanco.

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





From: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>
Sent: Thursday, December 16, 2021 1:52 PM
To: Rounds, Joshua (MDH) <<u>joshua.rounds@state.mn.us</u>>
Subject: RE: E. coli 0121 Outbreak Investigation Likely Associated with Chipotle in Rochester

South Location Invoices.

From: Rounds, Joshua (MDH) <<u>joshua.rounds@state.mn.us</u>>
Sent: Thursday, December 16, 2021 1:45 PM
To: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Sounds good, thank you!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





From: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>
Sent: Thursday, December 16, 2021 1:40 PM
To: Rounds, Joshua (MDH) <<u>joshua.rounds@state.mn.us</u>>
Subject: RE: E. coli 0121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Joshua,

I have visited both stores, and have implemented active screening at both locations. I have the invoices as well, they are pretty large stacks, so I will start scanning and sending them your way. It may take a bit of time though, as I will likely have to break it up into multiple emails.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 12:10 PM

To: Chowdhury Sagar <<u>chowdhury.sagar@CO.OLMSTED.MN.US</u>>; Melius Michael <<u>melius.michael@CO.OLMSTED.MN.US</u>>;
 Bjork Matthew <<u>bjork.matthew@CO.OLMSTED.MN.US</u>>; Sherden Meaghan <<u>sherden.meaghan@CO.OLMSTED.MN.US</u>>;
 Cc: Hedeen, Nicole (MDH) <<u>nicole.hedeen@state.mn.us</u>>; Carlton, Kim (MDH) <<u>kim.carlton@state.mn.us</u>>;
 Subject: RE: E. coli 0121 Outbreak Investigation Likely Associated with Chipotle in Rochester

And sorry one error my end. Please request the invoices for the following dates

- 10/23 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- 10/20 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083



? ? ? ?

From: Chowdhury Sagar < < howdhury.sagar@CO.OLMSTED.MN.US >

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 Cc: Hedeen, Nicole (MDH) <nicole.hedeen@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
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- Please have the restaurants put in place an employee screening form (at No need for employee interviews or employee stool testing at this time
- From previous Chipotle outbreak investigations we've had a lot of success getting online orders from Chipotle
- corporate, so I'll reach out to them and there is no need for you to get credit card receipts from the restaurants.

Please let me know if you have any questions. Thank you!

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										Chick-Fil-A (11/24) Spicy chx sandwich (w/ lettuce & tomato), chicken tenders Kumo Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll, California roll Perkins (11/22) French toast, bacon, eggs	
H21- 16885	21	Oronoco	Olmsted	No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread	Case refused full interview but answered limited questions about restaurants

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083



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Sadness almost all leafy greens outbreak aren t immediate public health threats anymore by the time we identify them. Oh well thank you for getting a response!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office 651-201-5083

DEPARTMENT OF HEALTH

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From: Sorenson Alida (MDA) <alida.sorenson@state.mn.us> Sent: Thursday December 30 2021 8 59 AM To: Rounds Joshua (MDH) <joshua.rounds@state.mn.us> Cc: Smilanich Erin (MDA) <erin.smilanich@state.mn.us> Subject: RE E. coli 0121

Just got a response from FDA CORE

We have reviewed all the traceability information and our hypothesis is that the product in question came from Salinas. The records from Chipotle were really helpful thank you for passing those along We are currently in the process of evaluating next steps which may include requesting additional grower level information from Taylor Farms. However given transition of leafy green harvest to the Yuma growing region has already occurred and Salinas is no longer harvesting we don't believe there is an immediate ongoing public health threat.

I will let you know if anything happens but I wouldn t hold my breath that it will move out of Signals /

Alida

From: Sorenson Alida (MDA) Sent: Wednesday December 29 2021 4 24 PM To: Rounds Joshua (MDH) <<u>Joshua.rounds@state.mn.us></u> Cc: Smilanich Erin (MDA) <<u>erin.smilanich@state.mn.us></u> Subject: RE E. coli 0121

Hi Josh

Reviewing the documents we vereceived it looks like the shipment used to fill the 11/22/21 delivery to the Broadway Chipotle and the 11/19/21 delivery to the Marketplace Chipotle would have been the product received on 11/17/21 at Reinhart. On their receiving documentations for this shipment there is a PO #79208. If you then look at the shipping spreadsheet from Chipotle in the third tab there is a matching PO for the 11/13/21 shipping date from Salinas CA (the last one from Salinas before they switched over to Yuma). The shipper GARCHA #94 also matches what is on the receiving documents from Reinhart. Determining the grower within the Salinas GRLs looks to be a bit trickire – I m not sure how that data matches up with the shipping information. Here s a quick sketch of what I m describing



As far as motivating FDA to actually move this one to a CORE team I m not sure what else we can do. I ve been sending them all of the documentation we ve received and letting them know that we ve also been working closely with Washington State. I can poke them again to see if we can get any movement.

Alida

From: Rounds Joshua (MDH) <joshua rounds@state.mn.us> Sent: Wednesday December 29 2021 2 06 PM To: Sorenson Alida (MDA) <alida.sorenson@state.mn.us> Cc: smilanich Erin (MDA) <erin.smilanich@state.mn.us> Subject: RE E. coli 0121

No I haven t heard anything either. That would be disappointing I feel like this one is a layup and would be fairly easy for them. Do you think there is anything we can do to encourage them?

When I was looking at the Chipotle excel doc it was hard to get a feel for which shipment to Rodgers came from which growing region. Could you make that out? And then which Rodgers shipment would have supplied the two restaurant locations for the 11/20 and 11/23 meal dates (maybe that is something you have from your work). It looks like maybe the first shipment from Yuma for both Panera and Chipotle may line up with the what the cases ate which would be interesting.

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office 651-201-5083



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From: Sorenson Alida (MDA) <<u>alida.sorenson@state.mn.us</u>> Sent: Wednesday December 29 2021 1 24 PM To: Rounds Joshua (MDH) <<u>ioshua.rounds@state.mn.us</u>> Ce: Smilanich Erin (MDA) <<u>erin.smilanich@state.mn.us</u>> Subject: E. coli 0121

Hi Josh –

Any updates on your end for the O121 romaine investigation? It sounds like this has never moved from FDA CORE Signals to being assigned a team... I have a feeling it won t unless there are new cases or cases in other states.

Just wondering if you ve heard anything.

Alida

Alida Sorenson, MPH Response and Outreach Supervisor she her hers 0 651-201-6025 C 651-592-2187 www.mda.state.mn.us DEPARTMENT OF AGRICULTURE

From:	Rounds Joshua (MDH)
To:	Sorenson Alida (MDA)
Cc:	Smilanich Erin (MDA)
Subject:	RE: Likely Chipotle Commercially Distributed Food Outbreak
Date:	Thursday, December 16, 2021 10:38:00 AM
Attachments:	image003.png

Here is the info we have so far on our two cases and then in the table below ours is the info that WA shared. I'll let you know if WA is interested in traceback and once we get invoices on our end.

Let me know if you have any questions.

Thanks!

Lab ID	MEDSS	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21-	111703389	18			No	11/30	11/26	No	Parents	Aldi	Chipotle	
16904									dog	Costco	(1201	
										Walmart	Broadway	
											Ave S Ste	Other leafy
											60,	greens
											Rochester,	exposures:
											MN)	Prepackage
											(11/23)	salad that
											2140	included
											Burrito	romaine
											bowl (steak	hearts from
											& chx,	Walmart.
											lettuce,	May have
											cheese,	eaten salad
											sour cream)	at Hubbell
											(11/25)	House
											1350	
											Tacos	
											(steak & chx lettuce,	
											cheese, sour cream)	
											sour creamy	
											Hubbell	
											House	
											(11/23)	
											Soup beef,	
											maybe	
											other	
											things,	
											Chick-Fil-A	
											(11/24)	
											Spicy chx	
											sandwich	
											(w/ lettuce	
											& tomato),	
											chicken	
											tenders	
											Kumo Sushi	
											(11/21)	
											Spicy crab	
											roll, spicy	
											salmon roll,	
											Boston roll,	

										California roll Perkins (11/22) French toast, bacon, eggs	
H21- 16885	111614491	21		No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Chicken, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread	Case refused full interview but answered limited questions about restaurants

					Panera Meal			
Epi case ID	Lab	PulseNet	County	Onset	Date and time	Meal	Panera location	Note
						Green Goddess Cobb Salad with Chicken, baguette, French Bistro Onion Soup,		Noted that a salad item
					11/19/2021,	Green Passion	South Sound location-possibly	required substitution (possibly pickled red
103825807	WA0697014	PNUSAE090854	Snohomish	11/21/2021	Lunch	Smoothie	Tacoma Mall	onion)
					11/19/2021,	Caesar salad w/ chicken, baguette, Creamy Chicken & Wild Rice Soup, unknown	2107 S. 320th Federal Way (outside The	Asked for no romaine so the arugula, romaine, kale, red leaf blend that was also used in the Green Goddess salad was subbed by
103823767	WA0697354	PNUSAE091051	Pierce	11/23/2021	Lunch	beverage	Commons mall	restaurant (per receipt)

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health



2 2 2 2 2

From: Rounds, Joshua (MDH)
Sent: Thursday, December 16, 2021 9:42 AM
To: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>
Cc: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>
Subject: Likely Chipotle Commercially Distributed Food Outbreak

Hi Alida,

I see that Erin is out of the office for a couple of days. I have a Chipotle outbreak situation to discuss with you when you have a chance. Thanks!

Josh Rounds, MPH Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





 From:
 MN_MDH_PFGE

 To:
 Rounds_Joshua (MDH); Webb_Paul (MDH)

 Subject:
 RE: New Local STEC Cluster

 Date:
 Thursday, December 16, 2021 10:57 52 AM

 Attachments:
 image002,png

Hi Josh,

An excel file with cgMLST, wgMLST, and metadata is located here: Q:\Clusters and outbreaks\E coli\2021\wECM2021013.xlsx

Best,

Selina

Selina Jawahir Bacteriologist 2 | Enterics Unit

Minnesota Department of Health Office: 651-201-5262 | Lab: 651-201-5266



??????

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us> Sent: Thursday, December 16, 2021 9:47 AM To: Webb, Paul (MDH) <paul.webb@state.mn.us>; MN_MDH_PFGE <Health.PFGE@state.mn.us> Subject: RE: New Local STEC Cluster

Sorry, one more question. Our isolates have the same exact allele code as the WA isolates which makes me think they are 0 alleles but could you double check for me just to be sure?

II TITLE	WGS ID	ALLELE CODE	SEROTYPE CALCULATED
• MN_H21-16885	PNUSAE091113	EC1.0 - 18.1.14.38.16	0121:H19
• WAWA0697354	PNUSAE091051	EC1.0 - 18.1.14.38.16	0121:H19
• WAWA0697014	PNUSAE090854	EC1.0 - 18.1.14.38.16	0121:H19

Thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083





From: Rounds, Joshua (MDH) Sent: Thursday, December 16, 2021 9:35 AM To: Webb, Paul (MDH) <<u>paul.webb@state.mn.us</u>> Cc: MN_MDH_PFGE <<u>Health PFGE@state mn us</u>> Subject: RE: New Local STEC Cluster

Hi Paul and lab folks,

FYI, I'm taking this STEC cluster (wECM2021013) from Marijke. I happened to already be looking at it with one case. It is 0 alleles from a couple of cases in WA that ate at Panera and our cases ate at two different Chipotle locations so likely some sort of commercially distributed food outbreak (best guess at the moment is romaine lettuce). Thanks!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health Office: 651-201-5083

DEPARTMENT OF HEALTH

2 2 2 2 2

From: Webb, Paul (MDH) paul.webb@state.mn.us>

Sent: Wednesday, December 15, 2021 2:09 PM

To: Decuir, Marijke (MDH) <<u>marijke.decuir@state.mn.us</u>; Buuck, Sean (MDH) <<u>sean.buuck@state.mn.us</u>; Eikmeier, Dana (MDH) <<u>dana.eikmeier@state.mn.us</u>; Firestone, Melanie (MDH) <<u>Melanie.Firestone@state.mn.us</u>; Gerlach, Dan (MDH) <<u>Dan.Gerlach@state.mn.us</u>; Magnuson, Luke (MDH) <<u>luke.magnuson@state.mn.us</u>; Medus, Carlota (MDH) <<u>carlota.medus@state.mn.us</u>; Rounds, Joshua (MDH) <<u>joshua.rounds@state.mn.us</u>; Saupe, Amy (MDH) <<u>amy.saupe@state.mn.us</u>; Smith, Kirk (MDH) <<u>kirk.smith@state.mn.us</u>; Wiedinmyer, Brooke (MDH) <<u>brooke.wiedinmyer@state.mn.us</u>} Subject: New Local STEC Cluster

Good afternoon all,

I have a new local Non O157 STEC cluster (wECM2021013) with two isolates (H21-16885 & H21-16904) that are 0 alleles different.

Let me know if you have any questions.

Thank you,

Paul

From:	Roslyn Stone		
To:	Rounds, Joshua (MDH)		
Cc:	<u>Medus, Carlota (MDH)</u>		
Subject:	RE: Potential Foodborne Outbreak Involving Chipotle		
Date:	Thursday, December 16, 2021 1:05:47 PM		
Attachments:	image002.png		
	image003.png		
	image004.png		

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Hey Josh. Good (and bad) to hear from you.

I'm forwarding to Chipotle team now.



Roslyn Stone, MPH | Chief Executive Officer Zero Hour Health | A Corporate Wellness Company p: (800) 433-9594 www.zerohourhealth.com 1200 High Ridge Rd, Stamford, CT 06905

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From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 1:59 PM
To: Roslyn Stone <RStone@zerohourhealth.com>
Cc: Medus, Carlota (MDH) <carlota.medus@state.mn.us>
Subject: Potential Foodborne Outbreak Involving Chipotle

Hi Roslyn,

I wanted to give you a heads up on a potential foodborne outbreak involving Chipotle. We are investigating a small cluster of *E. coli* O121 cases. So far there are two cases in MN and two cases in WA. The WA cases both ate at different locations of the same restaurant chain (not Chipotle) and the MN cases both ate at different Chipotle locations during the week prior to their illness onsets.

The MN cases both become ill on 11/26. Neither case was hospitalized, developed HUS, and both are recovered. The first case ate food from the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location on 11/23 in the evening and on 11/25 at 2pm. The second case ate at the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location on 11/20. We need to call back both cases to get better details on the specific ingredients they would have consumed but both report romaine lettuce which potentially matches what the WA cases ate. We are also planning to cross reference the foods reported to see if there are any other potential common ingredients like tomatoes, avocado, cilantro, jalapeno peppers, or onion, and then are likely planning to traceback any common ingredients shared by the MN and WA cases to see if they come from a common source.

I just let Olmsted County Environmental Health (the EH folks for both Chipotle locations) know about the investigation this morning and they are planning to go out to the two locations today to put in place an employee screening form (to screen for employee illness) and request invoices for the month prior to the MN cases meal dates from both locations. We are not planning to interview employees or have employees submit stool specimens for testing at this time.

I know you have been very helping to provide us with online order information for Chipotle patrons in previous investigations. Would you be able to assist us in getting online orders for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location for 11/23 and 11/25 and then the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location for 11/20?

Additionally, please let me know if you think it would be easier/faster to get invoices for foods received at the two Chipotle locations through you. Below are the dates we are requesting invoices for each location.

- 10/23 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- 10/20 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Please let me know if you have any questions. Thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083





Shipment	Lot number	omaine Chopped 6x2.5 lb Receiving Details Use by date	Region of harvest	Date harvested
Shiphiene	11/19/2021 Lot #1: YTF319B23	Use by Date of Lot #1 : 12/01/2021	Yuma, AZ	11/12/2021
	11/18/2021 Lot #1: STF314B14	Use by Date of Lot #1 : 11/28/2021	Salinas Valley, California	11/6/2021
	11/17/2021 Lot #1: STF314B14	Use by Date of Lot #1 : 11/28/2021	Salinas Valley, California	11/6/2021
	11/16/2021 Lot #1: STF312B14; Lot #2: STF314B14	Use by Date of Lot #1 : 11/26/2021; Use by Date of Lot #2 : 11 /28/2021	Salinas Valley, California	
	11/15/2021 Lot #1: STF311B14	Use by Date of Lot #1 : 11/24/2021	Salinas Valley, California	
	11/14/2021		,,	
	11/13/2021 Lot #1: STF311B14; Lot #2: STF310B14; Lot #3: STF309B14	Use by Date of Lot #1 : 11 /24/2021; Use by Date of Lot #2 : 11 /22/2021;	U Salinas Valley, California	11/2/2021
	11/12/2021 Lot #1: STF309B14; Lot #2: STF308B14; Lot #3: STF307B14	Use by Date of Lot #1 : 11 /21/2021; Use by Date of Lot #2 : 11 /20/2021;		
	11/11/2021 Lot #1: STF308B14	Use by Date of Lot #1 : 11 /20/2021	Salinas Valley, Californ ia	
	11/10/2021 Lot #1: STF308B14	Use by Date of Lot #1 : 11/20/2021	Salinas Valley, California	10/31/2021
	11/9/2021 Lot #1: STF308B14; Lot #2: STF307B14	Use by Date of Lot #1 : 11 /20/2021; Use by Date of Lot #2 : 11 /19/2021	Sal inas Valley, California	10/30/2021
	11/8/2021 Lot #1: STF306B14; Lot #2: STF30 814	Use by Date of Lot #1 : 11 /18/2021; Use by Date of Lot #2 : 11 /19/2021	Salinas Valley, California	10/29/2021
	11/7/2021			
	11/6/2021 Lot #1: STF303B14; Lot #2: STF304B14	Use by Date of Lot #1 : 11/15/2021; Use by Date of Lot #2 : 11/16/2021	Salinas Valley, Californ ia	10/27/2021
	11/5/2021 Lot #1: STF303B14	Use by Date of Lot #1 : 11/15/2021	Salinas Valley, California	10/26/2021
	11/4/2021 Lot #1: STF303B14	Use by Date of Lot #1 : 11 /15/2021	Sal inas Valley, California	10/26/2021
	11/3/2021 Lot #1: STF299B14; Lot#2: STF303B14	Use by Date of Lot #1 : 11/11/2021; Use by Date of Lot #2 : 11/15/2021	Salinas Valley, California	10/22/2021
	11/2/2021 Lot #1: STF299B14	Use by Date of Lot #1 : 11/11/2021	Salinas Valley, California	10/22/2021
	11/1/2021 Lot #1: STF299B14	Use by Date of Lot #1 : 11/1 1/2021	Salinas Valley, California	10/22/2021
	10/31/2021			
	10/30/2021			
	10/29/2021 Lot #1: STF296B14	Use by Date of Lot #1 : 11 /08/2021	Salinas Valley, California	
	10/28/2021 Lot#1: STF293B14; Lot #2: STF296B14	Use by Date of Lot #1 : 11 /05/2021; Use by Date of Lot #2 : 11/08/2021	Salinas Valley, California	10/16/2021
	10/27/2021 Lot#1: STF293B14	Use by Date of Lot #1 : 11/05/2021	Salinas Valley, California	10/16/2021
	10/26/2021 Lot #1: STF293B14	Use by Date of Lot #1 : 11/05/2021	Salinas Valley, California	
	10/25/2021 Lot #1: STF293B14	Use by Date of Lot #1 : 11 /05/2021	Salinas Valley, California	10/16/2021
	10/24/2021			
	10/23/2021 Lot #1 · STF292B14	Use by Date of Lot #1 : 11/04/2021	Salinas Valley, California	
	10/22/2021 Lot #1: STF288B14	Use by Date of Lot #1 : 10/3 1/2021	Salinas Valley, California	
	10/21/2021 Lot #1: STF286B13, Lot #2: STF288B14	Use by Date of Lot #1 : 10/29/2021; Use by Date of Lot#2 : 10/31/2021	Salinas Valley, California	10/11/2021
	10/20/2021 Lot#1: STF288B14	Use by Date of Lot#1 : 10/31/2021	Salinas Valley, California	
	10/19/2021 Lot#1:STF286B13	Use by Date of Lot #1 : 10/29/2021	Salinas Valley, California	10/12/2021







DEPARTMENT OF HEALTH

Protecting, Maintaining and Improving the Health of All Minnesotans

E. coli O121:H19 Infections Associated with Romaine Lettuce Multiple States November 2021

Background

On December 13, 2021, the Washington State Department of Health (WSDH) contacted Minnesota Department of Health (MDH) staff to report that a Minnesota clinical isolate of Shiga toxin-producing *E. coli* O121:H19 was closely related to two Washington clinical isolates by whole genome sequencing (WGS). All three isolates were Stx2 only producing. Both Washington cases reported eating at different locations of Panera Bread prior to their illness onset. On December 15, the MDH Public Health Laboratory (PHL) identified a second Minnesota clinical isolate that was closely related to the first isolates; upon interview both Minnesota cases reported eating at different Chipotle Mexican Grill locations in Rochester, Minnesota. An investigation was initiated.

Methods

Cases were defined as Minnesota residents who tested positive for *E. coli* O121:H19 that was highly related (within 5 alleles) to the outbreak strain by WGS cgMLST from November 20 to December 1, 2021, or who ate at a Chipotle in Rochester within the outbreak time period and tested positive for Shiga toxin producing *E. coli* (STEC) at a clinical laboratory or developed diarrhea (\geq 3 stools in a 24-hour period) that was at least 3 days in duration.

The Minnesota cases were initially interviewed with a routine surveillance questionnaire and then re-interviewed with a Chipotle-focused questionnaire. Chipotle provided online-order information for patrons who ate food from the Rochester Chipotle locations on November 20 and 23, and patrons were called to ascertain additional cases and controls.

Traceback investigations were performed by the Minnesota Department of Agriculture (MDA) and the United States Food and Drug Administration (FDA).

Results

Five cases were identified in Minnesota, including two culture-confirmed *E. coli* O121:H19 cases, two cases who reported eating at one of the two Chipotle locations and were positive for STEC at a clinical laboratory but not culture confirmed at the MDH PHL, and one case who met the illness case definition but did not submit a stool specimen for testing. The median incubation period for the five cases was 3 days (range, 3 to 10 days). All five cases reported

diarrhea and abdominal cramps, four (80%) reported bloody stools, two (40%) reported vomiting, and none reported fever. The duration of illness for the one case with a known recovery date was 11 days. No cases developed HUS, were hospitalized, or died.

Seventy-seven Chipotle patrons (including the 5 cases) were interviewed with a menu-specific questionnaire. Four cases reported eating at the 3780 Marketplace Dr. NW Ste. 100 Chipotle Mexican Grill location on November 16, 20, and 23 (n=2), and one case ate at the 1201 Broadway Ave S Ste. 60 Chipotle location on November 23. While no specific ingredient was significantly associated with illness, romaine lettuce was reported by 4 (80%) of the 5 cases, including all 4 laboratory-confirmed cases, compared to 30 (49%) of 61 non-ill controls (odds ratio, 4.1; 95% confidence interval, 0.37 to 210.0; p = 0.36). Additionally, the only common ingredient consumed by the Minnesota cases at Chipotle and the two Washington cases at Panera Bread was romaine lettuce.

A traceback investigation conducted by the MDA and the FDA determined that romaine lettuce that would have been served at the two Chipotle locations on November 20 and November 23 was supplied by Reinhart Foods, which received the romaine lettuce from Taylor's Farms in Salinas, California; the lettuce was grown in the Salinas, California growing region. Traceback of the romaine lettuce served at the two Panera Bread locations indicated that it was also supplied by Taylor's Farms in Salinas, California, and that there was a common ranch that supplied romaine lettuce to the four outbreak Panera and Chipotle locations.

Conclusions

This was a multi-state outbreak of *E. coli* O121:H19 infections associated with romaine lettuce. Romaine lettuce was reported by the majority of cases and was the only food item consumed by cases at the four implicated restaurant locations in Minnesota and Washington, and traceback investigations indicated that romaine lettuce consumed at the implicated restaurant locations was produced at a common ranch.