>>> APOLOGIES FOR THE SLIGHT DELAY.

WELCOME TO THE CHRISTOPHER IANNELLA CHAMBER HERE AT BOSTON CITY HALL.

MY NAME IS MATT O'MALLEY. I AM THE DISTRICT 6 CITY COUNSELOR.

AND I AM DELIGHTED TO BE WITH ALL OF YOU HERE TO DISCUSS DOCKET NUMBER 0238, WHICH IS AN ORDER FOR A HEARING AN IMPLEMENTING A CURBSIDE COMPOSTING PROGRAM IN BOSTON. THIS IS AN INITIATIVE WITH WHOM MY CO-SPONSOR COUNCILOR ANNA PRESSLEY SADLY IS UNABLE TO MAKE IT TODAY AND I WILL READ A BRIEF LETTER FROM HERE.

DEAR CHAIRMAN O'MALLEY,
APOLOGIES FOR THE SHORT NOTICE,
BUT DUE TO A MINOR BUT ACUTE
MEDICAL EMERGENCY I WILL HAVE TO
MISS OUR HEARING REGARDING
CURBSIDE COMPOSTING THIS
MORNING.

THANK YOU TO ALL THE ADVOCATES WHO ARE HERE TODAY.

I REMAIN FOCUSED ON BUILDING OUR CAPACITY AS A CITY TOWARDS A CITYWIDE CURBSIDE COMPOSTING PROGRAM, BOSTON BOASTS SOME AMAZING MODELS OF WORKER-OWNED AND FOCUSED COMPANIES SUCH AS BOOTSTRAP COMPOSTING AND SIRO AND THEY ARE DOING FANTASTIC WORK ACROSS THE CITY.

I WOULD BE REMISS TO SAY THAT AS WE WORK TO BUILD OUR CAPACITY, I WOULD LIKE TO SHARE MY FULL SUPPORT OF A PILOT PROGRAM BASED ON THE STRONG INTERESTS OF NEIGHBORHOODS LIKE BAY VILLAGE AND MATTAPAN.

I LOOK FORWARD TO CONTINUING THIS CONVERSATION, AND STAND IN LOCKSTEP WITH CHAIRMAN O'MALLEY IN TAKING THE NEXT STEP TOWARDS A SUSTAINABLE CURBSIDE COMPOSTING SYSTEM.

I WILL HAVE STAFF PRESENT AT THE

HEARING AND LOOK FORWARD TO REVIEWING THE TAPE.

ALL THE BEST, AYANNA PRESSLEY, BOSTON CITY COUNCIL AT LARGE. YOU KNOW, THIS IS AN ISSUE THAT WE FIRST INTRODUCED PROBABLY SIX OR SO YEARS AGO.

AND WE'VE REINTRODUCED IT NEARLY EVERY YEAR.

THERE'S A TREMENDOUS AMOUNT OF INTEREST IN THIS.

I KNOW, AND WE'RE GOING TO HEAR FROM SOME AMAZING COLLEAGUES FROM THE ADMINISTRATION ON EFFORTS THAT WE'RE DOING TO GET TO ZERO WASTE, BUT CURBSIDE COMPOST IS THE NEXT LOGICAL STEP.

THIS IS SOMETHING, I OFTEN SAY, AND I SOUND LIKE A BROKEN RECORD, THAT EVERY ENVIRONMENTALIST, EVERY FISCAL CONSERVATIVE OUGHT TO BE AN ENVIRONMENTALIST, BECAUSE NOT ONLY ARE ENVIRONMENTAL ISSUES OFTEN GOOD FOR THE ENVIRONMENT, THEY'RE ALSO GOOD FOR THE RATE PAYER, GOOD FOR THE TAXPAYER, AS WELL.

WE HAVE SEEN HOW OTHER CITIES HAVE IMPLEMENTED CURBSIDE COMPOSTING PROGRAMS. SPECIFICALLY I'M TALKING ABOUT SAN FRANCISCO OR SEATTLE WHICH HAVE DONE SOME GREAT THINGS. ACROSS THE RIVER IN CAMBRIDGE THEY BEGAN A PILOT PROGRAM IN A SMALL SECTION IN CAMBRIDGE AND WERE ABLE TO EXPAND IT CITYWIDE. SO, I KNOW THAT WE'VE DONE SOME GOOD THINGS AT THE CITY LEVEL AS IT RELATES TO PROJECT OSCAR, AS IT RELATES TO OTHER THINGS, BUT TO TRULY GET TO ZERO WASTE, THIS HAS TO BE THE LOGICAL STEP SO I'M LOOKING FORWARD TO HEARING WHAT EFFORTS HAVE BEEN MADE. THE WAY THIS HEARING WILL WORK IS WE'VE GOT TWO PANELS, STARTING WITH THE ADMINISTRATION PANEL, THEN WE'LL HAVE SOME EXPERTS FROM WHOM WE WILL HEAR FROM SHORTLY, AND THEN WE'RE GOING TO OPEN IT UP TO PUBLIC

TESTIMONY.

SO IF ANYONE WOULD LIKE TO SPEAK, WHO HASN'T SIGNED IN ALREADY, PLEASE DO.

THE SIGN-IN SHEET IS TO MY LEFT, YOUR RIGHT.

AND WE WILL BEGIN SHORTLY.
BUT I WANTED TO ACKNOWLEDGE AND
THANK MY DEAR COLLEAGUE AND
FRIEND COUNCILOR ED FLYNN FROM
DISTRICT 2.

DO YOU HAVE ANY OPENING REMARKS OR THOUGHTS?

>> THANK YOU COUNCILOR O'MALLEY FOR YOUR LEADERSHIP ON THIS ISSUE ALONG WITH COUNCILOR PRESSLEY.

IT'S AN IMPORTANT ISSUE FACING OUR CITY.

THANK YOU TO YOUR LEADERSHIP, TO THE MAYOR'S LEADERSHIP, ON TRYING TO DEVELOP A PLAN THAT WORKS SO EVERY NEIGHBORHOOD OF BOSTON WILL BE GOOD FOR THE CITY, HEALTHY FOR OUR CITY, AND I THINK YOU'RE LEADING US IN THE RIGHT DIRECTION, WORKING CLOSELY WITH THE MAYOR'S OFFICE TO COME UP WITH A PLAN AND STRATEGY. AND I KNOW SOME OF THE RESIDENTS ACROSS OUR CITY HAVE GREAT IDEAS, AND SUGGESTIONS THAT WE ALL CAN LEARN FROM, AS WELL. SO THANK YOU, COUNCILOR O'MALLEY.

>> THANK YOU, COUNCILOR FLYNN.
YOU KNOW, THE -- JUST BEFORE I
GET INTO YOU CHIEF AND YOUR
PANEL, I WANT TO KNOW THAT THERE
ARE OVER 100 MUNICIPALITIES
NATIONWIDE THAT OFFER FULL
CURBSIDE COMPOSTING.

THESE INCLUDE PORTLAND, SEATTLE, SAN FRANCISCO AND AUSTIN, TEXAS. THESE CITIES HAVE HAD GREAT SUCCESS WITH THEIR COMPOSTING PROGRAMS, SAN FRANCISCO DIVERTS MORE THAN 60% OF ITS WASTE FROM LANDFILLS THROUGH COMPOSTING AND RECYCLING.

IN THE FIRST YEAR OF CURBSIDE COMPOSTING PORTLAND, OREGON, DECREASED TRASH PRODUCTION BY NEARLY 40%.

I BELIEVE THE CAMBRIDGE NUMBER SHOWED A 10% RIGHT OFF THE BAT REDUCTION, AS WELL.

THIS IS REAL MONEY THAT WE ARE SAVING.

THE TIPPING FEE FOR DEBRIS IS PROBABLY 86 OR CLOSE TO \$90. WE'LL GET INTO THAT AND WE'RE SAVING THIS BY MILLIONS OF DOLLARS COULD BE SAVED IF DONE PROPERLY.

SO, LET'S MAKE IT HAPPEN.
CHIEF, DO YOU WANT TO INTRODUCE
YOUR PANEL AND WE'LL GET INTO
SOME QUESTIONS?

>> SURE, COUNCILOR, THANK YOU SO MUCH FOR CONVENING THIS HEARING FOR YOUR LEADERSHIP ON THIS, COUNCILOR PRESSLEY, COUNCILOR FLYNN AS WELL.

THANK YOU FOR IRLEADERSHIP ON THIS.

WANT TO DO THREE QUICK THINGS. ONE PROVIDE A JAERM OVERVIEW AND BACKGROUND ON SORT OF CURBSIDE OR RESIDENTIAL WASTE IN THE CITY OF BOSTON.

SECOND, TALK A LITTLE BIT ABOUT OUR CURRENT EFFORTS AND THEN THIRD TALK ABOUT NEXT STEPS.

JUST AS BACKGROUND, IN FISCAL YEAR '17 THE CITY OF BOSTON COLLECTED AT THE CURBSIDE AROUND 240,000 TONS OF EITHER RECYCLING OR TRASH.

OR YARD WASTE.

OF THAT, AROUND 50,000 WAS RECYCLABLES OR YARD WASTE. LEAVING ABOUT 190,000 TONS THAT WAS TRASH.

BASED UPON SOME WASTE AUDITS
THAT WE HAVE DONE AND SOME OTHER
WASTE AUDITS THAT ARE OUT THERE,
OF THAT 190,000 TONS PROBABLY
AROUND A THIRD IS ORGANIC
MATERIAL.

AND OF THAT A THIRD OF THAT 60,000 TONS, ROUGHLY, ABOUT 40,000 TONS IS FOOD WASTE AND ABOUT 20,000 TONS IS YARD WASTE. SO TO YOUR SORT OF POINT IN YOUR OPENING REMARKS THERE'S A HUGE OPPORTUNITY IN FRONT OF US IN MANY WAYS THE LOGICAL NEXT STEP

FOR US TO TAKE.

FIGURE OUT HOW DO WE ACTUALLY REDUCE THE AMOUNT OF ORGANICS GOING INTO THE WASTE STREAM AND GETTING SENT TO WASTE ENERGY PLANTS.

>> JUST SO I HAVE THAT RIGHT, SO 240,000 TONS OF TRASH RECYCLING, OR YARD WASTE WERE PICKED UP LAST YEAR.

150,000 TONS OF THAT 240 WERE EITHER SINGLE STREAM RECYCLING OR YARD WASTE.

>> CORRECT.

>> WHICH THANK YOU FOR EXPANDING.

IT EXPANDED THIS YEAR, WE'RE
VERY PLEASED FOR THAT.

190K OF THAT WAS JUST TRASH.
AND A THIRD, SO ABOUT 60,000
TONS OF THAT TRASH WOULD EITHER
BE FOOD OR YARD WASTE THAT WAS
THROWN OUT WITH THE TRASH.
SO MORE FOOD OR YARD WASTE WAS
THROWN OUT THAN OUR TOTAL
COMBINED YARD WASTE AND
RECYCLING PICKED UP?
>> IT'S A HUGE OPPORTUNITY
THERE.

>> HUGE.

GREAT, THANK YOU.

JUST WANT TO MAKE SURE I HAVE THOSE FIGURES RIGHT.

>> AND I'M USING SORT OF A WASTE AUDIT DONE IN 2016.

>> YEAH.

>> BUT IT'S A BROAD, GENERALIZATION, IN THE RIGHT MAGNITUDE.

TO YOUR POINT, OBVIOUSLY YARD WASTE IS AN AREA THAT IS OF GREAT IMPORTANCE TO US, AND IN THE MAYOR'S BUDGET AND THANKS TO YOUR SUPPORT, WE EXPANDED FROM 16 YARD WASTE COLLECTION WEEKS TO 18 YARD WASTE COLLECTION WEEKS THIS YEAR.

MEANING BASICALLY EVERY
SINGLE -- EVERY OTHER WEEK FROM
THE END OF APRIL TO THE
BEGINNING OF DECEMBER WE ARE
DOING YARD WASTE COLLECTION IN
THE CITY.

AND EVERY WEEK IN NOVEMBER.

ALL OF THAT THEN GETS PICKED UP AND TAKEN TO THE AUDUBON NATURE CENTER, OUR CITY COMPOSTING FACILITY AT THE AUDUBON NATURE CITY AND IN COLLABORATION WITH OUR PARTNERS AT CITY SOIL LAST YEAR AROUND 8200 TONS OF YARD WASTE COLLECTION GOT CONVERTED TO ABOUT 1200 TONS OF COMPOST THAT WENT BACK TO THE CITY'S COMMUNITY GARDENS.

>> GREAT.

>> SO IT'S A HUGE EFFORT THERE.
ONE OF THE THINGS WHICH BRIAN
COUGHLIN OUR SUPERINTENDENT OF
WASTE REDUCTION, SUSAN CASINO,
CITY DIRECTOR OF RECYCLING
POLICY AND THE ENTIRE WASTE TEAM
ARE INTERESTED IN EXPANDING THAT
AGAIN FROM 18 WEEKS, LOOKING AT
AT LEAST 20 WEEKS OF YARD WASTE
COLLECTION DOWN THE LINE.

>> GREAT.

>> PRIORITY FOR US.

OBVIOUSLY, IT IS NOT JUST ABOUT THE YARD WASTE IT IS ALSO ABOUT THE FOOD WASTE.

AS YOU SAID IN YOUR OPENING REMARKS, ONE OF THE PROGRAMS THAT WE'VE BEEN RUNNING FOR THE LAST COUPLE OF YEARS IS PROJECT OSCAR, WHICH IS FOR THOSE WHO DON'T KNOW, IS THROUGH A COMMUNITY COLLECTION SITE, PLACES THAT PEOPLE CAN ACTUALLY TAKE THEIR FOOD WASTE, WE HAVE PROJECT OSCAR BINS AT SIX DIFFERENT LOCATIONS ACROSS THE CITY.

WRITETON, JAMAICA PLAIN, GROVE HALL, CITY HALL, NORTH END AND EAST BOSTON.

AT THOSE SITES, AND THROUGH A CONTRACT, CURRENTLY WE COLLECT AROUND 34 TONS OF FOOD WASTE FROM HOUSEHOLDS EACH YEAR. WE ALSO COLLECT FOOD WASTE THAT COMES FROM HAYMARKET, AND FROM HAYMARKET, WOE COLLECT AROUND 1100 TONS OF FOOD WASTE WHICH THEN GETS TAKEN TO ROCKY HILL FOR COMPOSTING.

OVER THE COURSE OF EVERY CALENDAR YEAR.

IN ADDITION TO PROJECT OSCAR, AND THE WORK THAT WE'RE DOING AT HAYMARKET THE CITY ALSO HAS A NUMBER OF TOOLS AND TIPS IN SERVICES ONLINE.

WE OFFER WAYS OF BEING ABLE TO FOCUS, LEARN HOW TO COMPOST AT HOME, PURCHASE INFRASTRUCTURE, PURCHASE COMPOSTING BINS AND THINGS LIKE THAT TO MAKE AT-HOME COMPOSTING FEASIBLE.

>> DO WE SELL THOSE THROUGH THE WEBSITE?

>> THE CITY OF BOSTON BUILDING, RESOURCES CENTER, AND MISSION HILL.

>> GREAT.

THANK YOU.

>> TO YOUR POINT, THOUGH, THIS IS JUST THE START.

AND SO, WE HAVE BEEN LOOKING AFTER THE MAYOR'S ZERO WASTE EFFORT, LOOKING AT HOW DO WE ACTUALLY REDUCE THE AMOUNT OF WASTE THAT WE ARE GENERATING IN THE CITY, AND THAT WE ARE THROWING AWAY AS A CITY. ORGANICS IS A HUGE OPPORTUNITIES THERE, SO WE HAVE CHARGED OUR CONSULTANT PARTNER ON THE ZERO WASTE EFFORT TO BASICALLY LOOK AT FOUR DIFFERENT WAYS OF ADDRESSING ORGANICS IN OUR CITY. ONE WOULD BE EXPANDING THE THE NUMBER OF GARBAGE DISPOSALS IN HOMES.

THE SECOND IS TO EXPAND SERVICES LIKE PROJECT OSCAR, COMMUNAL COMPOSTING SITES.

THE THIRD OPTION WOULD BE TO BETTER SUPPORT SMALL BUSINESSES THAT ARE ALREADY DOING SOME FORM OF CURBSIDE COMPOSTING, AND THE FOURTH OPTION WOULD BE RUNNING SOME FORM OF CITY SUPPORTED OR CITY-LED CURBSIDE COMPOSTING PROGRAMS.

THAT FOURTH OPTION, THE CITY-LED PROGRAM COULD EITHER LOOK SOMETHING LIKE WHAT WE DO WITH YARD WASTE RECYCLABLES WHERE IT'S EVERY HOUSEHOLD EVERY WEEK OR EVERY OTHER WEEK OR SOMETHING MORE AKIN TO BULK PICKUP WHERE

YOU CALL FOR A PICKUP AND WE COME AND PICK UP THAT SERVICE. THEY'RE GOING THROUGH THE WORK RIGHT NOW OF ESSENTIALLY PUTTING TO THE THE COST/BENEFIT OF EACH OF THOSE OPTIONS.

THEY'RE NOT MUTUALLY EXCLUSIVE.

JUST GIVING SORT OF THE

DIVERSITY OF RESIDENTIAL

BUILDING TYPES.

THERE MIGHT BE SOMETHING THAT WORKS BETTER IN A LARGE MULTIDWELLING UNIT, SOMETHING THAT WORKS BETTER IN A TRIPLE DECKER ROW HOUSE NEIGHBORHOOD. THERE MIGHT BE SOMETHING THAT WORKS BETTER IN A SINGLE FAMILY HOME NEIGHBORHOOD.

SO WE'RE LOOKING AT ALL OF THOSE OPTIONS, AND AS PART OF THAT ALSO LOOKING NOT JUST AT WHAT'S THE COST OF RUNNING AND THE BENEFIT OF SORT OF REDUCTION OF FOOD WASTE IN CURRENTLY IN TRASH CANS BUT ALSO LOOKING AT THE VALUE OF THE END PRODUCT ITSELF AS SOMETHING THAT WE'D BE WEIGHING IN TO MAKING A DECISION ABOUT HOW WE WOULD EXPAND FROM THERE.

THE ZERO WASTE EFFORT IS ONGOING.

WE ARE ROUGHLY HALFWAY THROUGH THE ZERO WASTE PLANNING.
OUR NEXT MEETING IS JULY 16th, FOR ANYBODY WHO IS INTERESTED AND WANTS TO COMMENT ON THIS AND DOESN'T GET A CHANCE TO IN THIS HEARING THEY CAN ALSO GO ONLINE OR COME TO ONE OF OUR ZERO WASTE MEETINGS, AND LEARN MORE ABOUT WHAT WE'RE DOING SO WE CAN FIGURE OUT HOW TO DO EXACTLY WHAT YOU SAID.

HOW DO WE ACTUALLY REDUCE THE AMOUNT OF ORGANICS THAT ARE BEING THROWN AWAY AND INSTEAD GIVE OUR RESIDENTS A BETTER OPPORTUNITY TO BE ABLE TO COMPOST THEM THROUGHOUT THE CITY.

>> IS THAT THE BROAD OVERVIEW OF WHERE WE ARE?

>> BUT I'LL BE HAPPY TO TAKE ANY

QUESTIONS.

>> THAT WAS MUSIC TO MY EARS.
I DON'T KNOW WHO SAID IT THE
WELL WORN THAT THE DEFINITION OF
INSANITY IS DOING THE SAME THING
OVER AND OVER AGAIN AND
EXPECTING A DIFFERENT RESULT.
WE'VE DONE THIS NOW FIVE FIEMS
AND THAT IS THE FIRST TIME THAT
I HEARD THE CITY IS ACTUALLY
LOOKING AT RUNNING A CITY-LED
CURBSIDE COMPOSTING.
WELL DONE.

TO OUR ADVOCATES HERE, THAT'S MUSIC TO MY EARS, AND I SUSPECT MY COLLEAGUES, AS WELL.

WHEN -- SO THEY'VE CONSULTANT PARTNER RIGHT NOW LOOKING FOR ITEMS YOU'VE MENTIONED.

THE FIRST THREE ARE ALL GOOD.
WE SHOULD BE DOING THOSE ANYWAY.
THE FOURTH IS WHAT I WANT TO
DRILL DOWN ON, I'M EXCITED
ABOUT.

WHEN WILL YOU HAVE THAT SORT OF COST/BENEFIT ANALYSIS AND WHEN WILL THE DECISION BE MADE?

>> SO, MY GUESS IS WE'LL HAVE THE COST/BENEFIT ANALYSIS -- WE'LL CERTAINLY KNOW DURING THE COURSE OF THE SUMMER THEY'RE GOING TO BE DOING THE MAJORITY OF THIS WORK.

>> THIS SUMMER?

LIKE WITHIN THE NEXT COUPLE MONTHS?

>> CORRECT.

THAT WAS FOR THE ZERO WASTE PLAN TO BE COMPLETED BY THE END OF THIS YEAR.

AND IT MAY BE LIKE SOME OF THE THINGS THAT WE HAVE DONE, THERE IS SOME -- COMMENTS AND THE COMMENTS FROM COUNCILOR PRESSLEY.

WE MAY HAVE ANY OF THESE THINGS LOOK AT HOW YOU PILOT AND HOW YOU SCALE.

>> YEAH.

>> SO WE WILL PROBABLY HAVE THAT PLAN IN PLACE BY THE END OF THIS YEAR, IN PART WITH AN EYE TOWARDS THE REBID OF ALL THE CITIES, RECYCLING AND TRASH

CONTRACTS WHICH ALL EXPIRE JUNE 30th OF NEXT YEAR.

>> OH, OKAY.

INTERESTING.

THAT'S GREAT.

THAT'S REAL EXCITING.

JUST BECAUSE PROJECT OSCAR IS GOOD BUT I HAVE LIKE YOU SAID SORT OF AT THE SIX SITES, 34 TONS EACH YEAR.

>> CORRECT.

ACCUMULATED WHERE OF JUST FOOD WE'RE LOOKING AT 40,000 TONS, SO YOU KNOW, SIGNIFICANT -- IT'S JUST A BLIP IN THE BUCKET SO THAT'S VERY, VERY INTERESTING. SO, WHAT WOULD -- I GUESS THE FIRST QUESTION WOULD BE, AND I WANT TO THANK MY DEAR COLLEAGUE AND FRIEND DIRECT 1 COUNCILOR LYDIA EDWARDS FOR JOINING US, WOULD YOU NEED TO EXPAND YOUR STAFF IF WE WERE TO, I ASSUME THIS WOULD ALL BE PART OF THE COST/BENEFIT ANALYSIS?

>> CORRECT.

NOT JUST BE THAT, BUT BE LOOKING AT ESSENTIALLY, IF WE WENT CURBSIDE A SIGNIFICANT SORT OF ONE-TIME COST OF BUYING BUCKETS FOR KITCHENS, BUCKETS FOR CURBS, LINERS, AND WE'RE PROBABLY LOOKING AT -- IT WOULD BE A MULTIMILLION DOLLAR EFFORT.

>> YEAH.

>> EVERY HOUSE IN THE CITY OF BOSTON FROM AN INITIAL ESTIMATE WOULD PROBABLY BE AROUND \$14 MILLION.

- >> 1-0 OR 14?
- >> 1-4.
- >> WHAT'S THE CURRENT TIPPING FEE?
- >> TRASH?
- >> WHAT ARE WE AT?
- >> AVERAGE ABOUT \$70.
- >> OKAY.
- SO JUST 40,000 TONS OF FOOD TIMES \$70 IS \$2.8 MILLION. SO, THAT'S PRETTY, YOU KNOW, THAT'S PRETTY INTERESTING, AS WELL.

OKAY.

AND THEN, TELL A LITTLE BIT

ABOUT -- CAN YOU TALK, MAYBE SUSAN, THIS WOULD BE A GOOD THING FOR YOU, BRIAN IF YOU WANT TO JUMP IN, HOW DO WE DEAL WITH THE COMPOSTED MATERIALS RIGHT NOW?

THE ORGANICS FROM PROJECT OSCAR? YOU MENTION THEY GO TO -- IS IT -- TELL US.

>> SO, WE'RE CURRENTLY WORKING WITH SAVE THAT STUFF, THEY DO THE COLLECTION FROM THE SIX SITES AND BRING IT TO THE CORE FACILITY IN CHARLESTOWN.

>> AND HOW DO WE STUMBLE UPON SAVE THAT STUFF?

WAS IT AN RFI?

>> IT WAS A WQC.

SO WRITTEN PRICE QUOTE.

>> OH, WRITTEN PRICE QUOTE.
I'VE JUST NEVER HEARD THAT TO

I'VE JUST NEVER HEARD THAT TERM BEFORE.

>> SO YOU ARE REQUIRED TO DO WRITTEN PRICE QUOTES FOR THINGS THAT YOU THINK SERVICES THAT ARE -- YOU THINK ARE GOING TO COST BETWEEN \$10,000 AND \$25,000.

>> OKAY.

>> SO YOU HAVE TO GET THREE WRITTEN PRICE QUOTES.
AND THEN TAKE THE LOWEST RESPONSIBLE BIDDER.

>> OKAY.

>> AND JUST IT'S A SIGNIFICANTLY SMALLER CONTRACT SO YOU DON'T HAVE TO GO THROUGH THE SAME ONEROUS PROCESS.

>> CORRECT.

>> OKAY, GREAT.

AND WOULD CHARLES, IF WE WERE TO, YOU KNOW, EVEN BEGIN THIS SORT OF EITHER AS A PILOT AND THEN TO SCALE, WOULD CHARLESTOWN BE ABLE TO HANDLE IT?
OR WOULD WE LIKELY HAVE TO GO TO A LARGER FACILITY?

- >> THEY COULD HANDLE IT.
- >> THEY COULD HANDLE IT?
- >> YEAH.
- >> THAT'S GREAT.
- >> DEPENDING ON HOW LARGE A SCALE YOU'RE TALKING.
 THE PILOT VERSUS FULL-SCALE

CITYWIDE.

YOU KNOW, NATURALLY, INCREASED THE TONNAGE, INCREASED THE CAPACITY.

SO --

>> DO WE KNOW WHICH NEIGHBORHOOD HAS THE MOST, I GUESS WE WOULDN'T NECESSARILY KNOW, BUT ANECDOTALLY FROM MAYBE PROJECT OSCAR, WHICH BIN GETS FILLED THE MOST?

I MEAN, YOU KNOW, TWO OF YOU LIMP IN JAMAICA PLAIN.

>> TO YOUR CONSTITUENCY, BUT YES, JAMAICA PLAIN HAS THREE CONTAINERS, AND THEY ACTUALLY HAVE TO GET PICKED UP TWICE A WEEK.

THE REST OF THE CONTAINERS ARE PICKED UP WEEKLY, AND SOME ARE JUST SINGLE CONTAINERS IN EAST BOSTON AND NORTH END THEY HAVE TWO CONTAINERS.

SO, JAMAICA PLAIN IS OUTSTRIPPING THE --

>> THAT'S BRILLIANT.

AND WHAT'S, REFRESH MY MEMORY AND FOLKS IN THE CHAMBER AS WELL, THE STATE PASSED A LAW ARE LARGER RESTAURANTS A COUPLE YEARS AGO ON COMPOSTING. THAT'S BASED ON SQUARE FOOTAGE I

THINK, THOUGH?
NOT ALL RESTAURANTS HAVE --

NOT ALL RESTAURANTS HAVE -->> IT WAS PASSED IN OCTOBER OF 2014.

IT'S A WASTE BAN FOR FOOD WASTE FOR GENERATORS THAT GENERATE MORE THAN A TON PER WEEK OF FOOD WASTE IN THEIR COMMERCIAL ENTERPRISE.

>> YEAH.

AND THEN DO THEY -- DOES THE CITY DOESN'T PICK UP FOR THEM? THEY ALL HAVE TO -- >> WE DON'T PICK UP ANY

COMMERCIAL.

>> OF COURSE, THAT MAKES SENSE. AND THEN, I KNOW, IN --

>> HAYMARKET IS THE ONE.

>> I'M SORRY.

>> AND THEN, IN TERMS OF SORT OF THE DISPOSALS, HOW MANY -- DO YOU KNOW A PERCENTAGE OF HOUSES THAT HAVE DISPOSALS, VERSUS THOSE THAT DON'T?

>> GREAT QUESTION.

WE DON'T.

THEY RAN IT, A PILOT PROGRAM A COUPLE OF YEARS AGO ON GARBAGE DISPOSALS AND IT DID SIGNIFICANTLY REDUCE THE AMOUNT GOING INTO THE WASTE STREAM BUT IT WAS A SMALL PILOT A COUPLE OF YEARS AGO.

>> YEAH, THAT WAS IN, A
MULTI-FAMILY BUILDING ON BLUE
HILL AVENUE IN DORCHESTER, 48
UNITS AND WE DID A SIX-MONTH
PILOT.

AND THEY HAD NO DISPOSERS BEFOREHAND, AND WE WORKED WITH 'N SYNCERATOR, THEY PAID FOR THE DISPOSALS, INSTALLED THEM, AND DURING THE SIX MONTH PERIOD WE REDUCED THE AMOUNT OF TRASH BY 30%.

>> REALLY?

THAT'S FANTASTIC.

OKAY.

VERY, VERY INTERESTING.

I THINK THAT'S ALL I HAVE FOR THIS ROUND.

COUNCILOR EDWARDS DO YOU HAVE ANY QUESTIONS?

>> I WANT TO THANK YOU FOR COMING OUT HERE TODAY.

AND I APOLOGIZE IF YOU HAD ALREADY ANSWERED SOME OF THESE QUESTIONS.

BUT YOU KNOW, I SEE THIS AS AN OPPORTUNITY NOT JUST FOR THE ENVIRONMENT BUT ALSO BUILDING A TRUE INFRASTRUCTURE FOR THE CITY, AND REALLY BEING ABLE TO INVEST IN, I THINK A GREEN INFRASTRUCTURE IS REALLY WHERE OUR FUTURE IS.

AND THAT, YOU KNOW, NOT ONLY IS HOW WE BUILD HOUSES BUT LITERALLY HOW WE GET RID OF WASTE.

AND MY -- I GUESS I'M SUGGESTING TO YOU AS PART OF YOUR THOUGHT PROCESS IN BUILDING THIS INFRASTRUCTURE BEYOND THE PILOT, IS REALLY LOOKING AT THE SUPPLY CHAIN AND HOW YOU MOVE FROM THE HOUSEHOLDS, TO WHETHER IT'S CASTILLA IN CHARLESTOWN OR WHEREVER YOU'RE GOING AND PART OF THAT IS UNDERSTANDING SOCIAL JUSTICE, NOT JUST HOW WE COMPOST BUT HOW THE WORKERS ARE PAID ALONG THE ENTIRE SUPPLY CHAIN. I THINK THAT THE CITY SHOULD BE RESPONSIBLE FOR AS YOU'RE WORKING WITH SUBCONTRACTORS, AS YOU'RE TALKING TO THEM, THAT WHEREVER THE WASTE LANDS THAT THERE'S AN OPPORTUNITY FOR THOSE WORKERS TO UNIONIZE, TO GET PAID, TO OWN THEIR OWN FUTURE, TO OWN -- OR TO OWN THE BUSINESS IF NECESSARY.

I WOULD LOVE FOR THE CITY TO ALSO LOOK AT POSSIBLY FAVORING THOSE ORGANIZATIONS THAT ARE LOCALLY OWNED, IN PART OF BEING THE SUPPLY CHAIN.

I THINK MY BIGGEST CONCERN IS THAT WHILE WE MIGHT BE DOING RIGHT BY OUR ENVIRONMENTAL FUTURE THAT WE COULD BE WITH CITY DOLLARS SUPPORTING MAYBE POTENTIALLY -- NOT SUPPORTING WORKERS AS WE COULD BE, AND A LIVING WAGE.

I'M PROUD TO HAVE BEEN A SUPPORTER, AND SOMEONE WHO WORKS WITH A GREAT DEAL OF COOPERATIVES.

I SEE THERE'S SOME INCREDIBLE PEOPLE FROM THE CO-OP HERE TODAY.

AND I STAND WITH THEM, AND THEIR ABILITY TO COMBINE WORKERS' RIGHTS WITH ALSO ENVIRONMENTAL JUSTICE.

AND I THINK THAT THIS IS AN OPPORTUNITY FOR THE CITY TO AMPLIFY THAT.

I'LL SAY THAT.

NOW I ALSO REPRESENT THE NORTH

HAPPILY, AND PROUDLY.

SOMEONE FROM HYDE PARK RECENTLY SAID THEY HAVE THE BEST ITALIAN FOOD.

I LOVE HYDE PARK, BUT THERE'S NO WAY.

BUT SINCE WE'RE ON THE TOPIC OF

ORGANIC WASTE I KNOW THAT
RESTAURANTS, COMMERCIAL ENTITIES
PROBABLY PRODUCE MORE THAP
RESIDENTIAL, AM A CORRECT?
>> YES YES.

>> SO HOW ARE WE BRINGING THEM TO THE TABLE?

I UNDERSTAND THAT THE CITY DOES NOT PICK UP THEIR STUFF, THEY HAVE PRIVATE ENTITIES.
BUT HOW DO WE BRING THE COMMERCIAL ENTITIES WHO ARE THROWING OUT FOOD ON A DAILY BASIS TO THE TABLE?

WHAT WOULD -- WE HAVE TO, I THINK THE INFRASTRUCTURE, YOU CAN'T IGNORE THEM.

SO WHAT WOULD BE THE CITY'S SUGGESTIONS?

I HAVE SOME BUT I WOULD LOVE TO HEAR FROM YOU.

>> YOU KNOW, ZERO WASTE EFFORTS ARE ESSENTIALLY TWO GROUPS. ONE IS THINKING ABOUT

RESIDENTIAL.

AND THE OTHER IS THINKING ABOUT THE COMMERCIAL SIDE.

COMMERCIAL INDUSTRIAL, AND INSTITUTIONAL.

AND SO, AS PART OF THAT
COMPONENT OF ZERO WASTE EFFORT
THEY'RE CERTAINLY LOOKING AT HOW
WE ENCOURAGE OR SUPPORT
INSTITUTIONS AND RESTAURANTS TO
BE ABLE TO ACTUALLY ADDRESS FOOD
WASTE, AND I HAVE SPECIFICS IF
YOU WANT TO GET INTO THAT.
>> I THINK THE BIGGEST ONE FOR
THE RESTAURANTS IS THE FOOD
DONATION, AND I GUESS THERE HAVE
BEEN SOME BARRIERS TO THOSE
OUTLETS BEING ABLE TO GIVE AWAY
THEIR FOOD.

SO, THE -- THAT'S PART OF WHAT WE'RE LOOKING AT AT THIS PLAN TO WORK WITH THE BOSTON PUBLIC HEALTH COMMISSION TO ADDRESS THOSE BARRIERS SO IT'S MORE EASY -- IT'S EASIER FOR THOSE -- >> I BELIEVE A PREPARED FOOD. I MET WITH THE WOMAN WHO RUNS OR THE EXECUTIVE DIRECTOR OF LOVING SPOONFULS, AND THE FACT THAT WHEN IT'S PREPARED AND SITTING

UNDER A HOT LAMP THAT THAT FOOD ITSELF IS THE HARDEST ONE TO GET ACCESS TO TO DONATE.

SO THE CITY'S ALREADY WORKING ON THOSE REGULATIONS TO SEE HOW THAT COULD BE UPDATED?

>> IT'S PART OF THE PLAN.

>> OKAY.

>> YES.

I MEAN, WE HAVE IDENTIFIED THAT AS A BARRIER.

I DON'T KNOW IF WE CLEARLY HAVE A SOLUTION YET.

>> MM-HMM.

>> BUT, THAT'S DEFINITELY ONE OF THE AREAS THAT THE RESTAURANTS HAVE ASKED ABOUT.

>> I THINK ALSO ONE OF THE CITY YOU KNOW, POSITIONS OF BARGAINING WHEN IT COMES TO INCENTIVIZING BUSINESSES TO DO THINGS.

WHETHER THAT'S THROUGH TAXES OR THROUGH LICENSING.

SO REALLY, AS RESTAURANTS ARE COMING ON BOARD, OR AS THEY'VE BEEN THERE, AND THEY'RE RENEWING THEIR LICENSES, YOU KNOW, FIRST THAT'S THE TOUCH THAT THE CITY WILL AUTOMATICALLY HAVE WITH THEM.

BUT ALSO LETTING THEM KNOW THAT AS YOU'RE COMING FORWARD THESE ARE CERTAIN, IF YOU WERE TO USE A LOCAL COMPOSTING COMPANY TO HELP WITH PICKING UP YOUR TRASH, YOU KNOW, THE CITY WOULD LOOK AT THAT AS PART OF YOUR LICENSING APPLICATION OR PART OF REDUCING SOME OF YOUR TAXES OR SOMETHING LIKE THAT.

I FEEL THERE'S A CERTAIN POINT, I UNDERSTAND WHEN IT COMES TO COMMERCIAL YOU'RE IN AN INTERESTING POSITION VERSUS RESIDENTIAL.

BUT THAT WE SHOULD LEVERAGE AS MUCH AS POSSIBLE TO GET THEM TO THE TABLE WITHOUT, YOU KNOW, MANDATING, BUT REALLY INCENTIVIZING IN A HUGE WAY. IT'S JUST ONE OF THE BIGGEST ISSUES I'VE HAD IN OUR DISTRICT IS ABOUT, YOU KNOW, RATS.

AND I HEARD THAT PICKING UP COMPOST OR BEING ABLE TO MOVE THAT ORGANIC ORGANIC WASTE REGULARLY WOULD REDUCE ONE OF THE OTHER PROBLEMS THE CITY ENDS UP PAYING FOR WHICH IS PEST CONTROL.

I'M REALLY EXCITED ABOUT THIS CONVERSATION.

I THINK WE'RE HEADED IN THE RIGHT WAY.

I THINK BEYOND THE PILOT I THINK WE NEED TO BE TALKING OF THE STRUCTURE IN A HUGE WAY.

>> TO THAT POINT, I THINK THAT THERE IS -- I FULLY EXPECT THAT IT WILL BE IN THE CITY'S FINANCIAL INTERESTING AND ALSO OPERATIONAL INTEREST, IT ALSO HELPS CREATE LOCAL JOBS.
I THINK RIGHT NOW IT IS PERMANENT AROUND 43 DIFFERENT PLACES ACROSS THE STATE TO PROCESS ORGANICS.

VERY FEW OF THEM ARE WITHIN 20 MILES OF THE CITY OF BOSTON. THE MORE THEY CAN BE CLOSE TO THE CITY THE EASIER IT IS FOR US AND THE MORE AFFORDABLE IT IS FOR US TO BE ABLE TO COLLECT AND PROCESS ORGANICS THAT ARE PICKED UP AT CURBSIDE OR PICKED UP FROM A RESTAURANT.

SO, I THINK THERE WILL BE, AS WE PURSUE THIS PATH I THINK YOU'RE GOING TO SEE MORE OF A LOCAL INDUSTRY DEVELOP AROUND THAT.

>> WONDERFUL.

AND THEN I JUST HAD A CLARIFYING OUESTION.

\$14 MILLION YOU MENTIONED, THAT'S A ONE-TIME COST? >> YEAH.

>> IT'S NOT GOING TO BE ANNUAL.

>> THAT'S JUST FOR THE COTS AND KITCHEN BINS.

THAT DOESN'T INCLUDE THE BAGS AND ROLLS OF BAGS THAT CONSTITUENTS WILL HAVE TO GO AND GET.

THAT'S JUST A BALL PARK NUMBER FOR INITIAL ROLLOUT OF THE PLASTIC BINS.

>> BUT IT WOULD BE A ONE-TIME

CAPITAL INVESTMENT.

- >> FOR THAT.
- >> AND THEN I'M SURE THE CITY IS GOING TO LOOK AT PRIVATE AND PUBLIC PARTNERSHIPS EITHER TO HELP DEFRAY THE COST, WORK WITH SOME NONPROFITS.
- >> PART OF THE ANALYSIS IS HOW DO WE ACTUALLY DO THIS IN A WAY THAT IS AFFORDABLE AND REALLY GETS US AT THE END THAT WE ALL WANT TO BE ABLE TO GET TO. BY ONE TIME WE MEAN ESSENTIALLY ONCE EVERY TEN YEARS.
- >> WHAT WE HAVE TO LOOK AT IF YOU'RE GIVING EVERYBODY A RECYCLING COT YOU HAVE TO MAKE SURE THEY'RE GOING TO USE IT CORRECTLY.
- RIGHT NOW WE HAVE A SERIOUS PROBLEM WITH THE RECYCLING.
 PEOPLE ARE STARTING TO
 UNDERSTAND A LITTLE BIT MORE
 ABOUT RECYCLING AND THE PROBLEM WITH THE INDUSTRY RIGHT NOW.
 A LOT OF IT HAS TO DO WITH THE CONTAMINATION LEVELS THAT ARE IN THE BINS.
- YOU KNOW, A LOT OF --
- >> WHAT IS THE CONTAMINATION LEVEL IN THE BINS?
- >> OURS?
- IT COULD VARY FROM AREA TO AREA.
- >> OF COURSE.
- BUT BALL PARK.
- >> RIGHT NOW, IT'S A LITTLE UNDER 15%.
- >> BUT THAT'S --
- >> THAT'S AN IMPROVEMENT --
- >> I KNOW WE'VE BEEN DOING THE SINGLE STREAM NOW FOR ABOUT TEN YEARS.
- IS THAT AN IMPROVEMENT?
- >> IT'S ALWAYS BEEN ABOUT THE SAME
- WE'VE BEEN KIND OF FLAT.
- SO WE'RE DOING ABOUT 3,000 TONS A MONTH CITYWIDE.
- THE CONTAMINATION -- WE'RE JUST GETTING TIGHTER ON HOW CLEAN IT IS OVER AT THE FACILITY.
- SO ALL THE STUFF THAT'S GOING ON IN CHINA THAT EVERYBODY'S BEEN LIKE KIND OF READING ABOUT, YOU

KNOW, SO IT'S KIND OF -- IT'S POPPED UP AS A BIG ISSUE. SO PEOPLE ARE REALLY, YOU KNOW, THE PEOPLE ARE REALLY TRYING TO HELP CLEANERS OVER THERE TO GET RECYCLED AND USED PROPERLY AND WE NEED TO GIVE THEM A CLEANER PRODUCT.

IF WE'RE HAVING SUCH A PROBLEM WITH THE RECYCLING CITYWIDE GIVING PEOPLE THE 96 GALLON COT OR 64 GALLON COT IT'S SOMETHING THAT WE'RE REALLY CONCERNED ABOUT IS GIVING EVERYBODY A 23 GALLON GREEN BIN FOR COMPOSTING AND WHAT'S THE CONTAMINATION GOING TO BE THEN.

YOU KNOW, BECAUSE WE NEED TO REALLY IRON OUT BEFORE, YOU KNOW, PUTTING THE CART BEFORE THE HORSE.

YOU KNOW, YOU HAVE TO REALLY KNOW THAT WE'RE GOING TO DO THE RIGHT THING, AND GET EVERYBODY ON THE SAME PAGE, AND SCHOOLING, EDUCATION, OUTREACH, ALL THAT. LIKE IT'S NOT THE QUESTION IF WE WANT TO DO IT.

WE DEFINITELY WANT TO DO IT.
I'D LOVE TO SEE THE TRASH CUT IN HALF SOME DAY.

BUT HOW DO WE GET TO THAT POINT THE RIGHT WAY? NOT GET CHARGED FOR

CONTAMINATION AND STUFF LIKE THAT.

SO, THAT'S A BIG ISSUE WE HAVE TO LOOK AT.

>> OKAY.

>> IF WE WERE TO IMPLEMENT THIS YOU'D HAVE A BLUE BIN FOR THE CURRENT SINGLE STREAM, A GREEN BIN FOR THE COMPOST, AND THEN MAYBE A REGULAR BIN FOR JUST OTHER TRASH?

>> TRASH, YEAH.

>> SO THAT'S THREE BINS, AND THAT'S ADDING A TRUCK.
SO, YOU KNOW, ADDING ANOTHER TRUCK TO THE STREET, THAT'S ANOTHER ISSUE, ENVIRONMENTALLY YOU WANT TO LOOK AT HOW MANY VEHICLES ARE ON THE STREET.
TRYING TO CUT BACK.

YOU KNOW, THERE'S A LOT OF TANGIBLES, INTANGIBLES. BUT ANOTHER THING TO THINK ABOUT, AS WELL. EMISSIONS IS ANOTHER. >> OKAY.

THANK YOU.

>> THANK YOU, JUST FOLLOWING UP ON THAT, SO BECAUSE I THINK YOU HIT A VERY IMPORTANT POINT THAT I NEGLECTED TO UNDERSCORE IN MY FIRST LINE OF QUESTIONING, IS THAT PUBLIC EDUCATION IS ABSOLUTELY KEY TO THIS. YOU KNOW, IT'S DISAPPOINTING TO HEAR THAT SORT OF OUR CONTAMINATION RATE HAS STAYED SO STABLE WHEN YOU WOULD THINK THERE'S A BETTER AWARENESS OF WHAT'S GOING ON. BUT MAYBE IT'S ON US.

MAYBE AS COUNCILORS WE NEED TO DO A BETTER JOB TALKING TO OUR CONSTITUENTS, MAYBE IT'S OUR TEAM, AND NOW WORKING WITH, YOU KNOW, CHIEF COOK AND HIS TEAM IN TERMS OF JUST A BETTER PUBLIC AWARENESS.

BUT IT'S ALSO MAKES ME THINK THAT THERE IS AN OPPORTUNITY TO SORT OF DO IT ALL AT ONCE, AND USE THE RESOURCES THAT WE HAVE. OUR PROPERTY TAXES YOU KNOW, QUARTERLY, SOMETHING.

THIS IS HOW DOUGH WOO USE PUBLIC -- WE GET CERTAIN AMOUNT OF FREE AD SPACE ON MBTA BUSES AND INSIDE THE TRAINS.

BUT I THINK THERE IS AN OPPORTUNITY HERE TO ADDRESS SORT OF THE CONTAMINATION IN OUR RECYCLING AS WELL AS RAMPING OUT CURBSIDE, AND WHAT THAT MEANS. >> GREAT.

- >> I LEARNED NOT TOO LONG AGO THAT YOU CAN PUT NAPKINS IN COMPOSTING.
- I HAD NO IDEA THAT YOU COULD DO THAT BEFORE.

I'M GRATEFUL THAT BECAUSE OF THE EFFORTS OF THIS BODY, INSPIRED BY MAYOR WALSH THAT PLASTIC BAGS WILL BE LESS PREVALENT IN OUR RECYCLE BINS NEXT YEAR.

I KNOW THAT HAS BEEN A
SIGNIFICANT COST, AS WELL.
SO MAYBE THE IDEA, I MEAN I'M
LOOKING FORWARD TO SEEING WHAT
THE CONSULTANTS SORT OF COME
BACK WITH, BUT I KIND OF LIKE
THE IDEA OF EVEN BEFORE WE GET
TO THE PILOT PROGRAM, MAYBE WE
DO A PERIOD WHERE YOU CAN CALL,
YOU KNOW, ANY RESIDENT OF BOSTON
OR WE FIGURE IT OUT COULD CALL
TO JUST SORT OF HAVE THEIR
COMPOSTING -- THEIR COMPOST
PICKED UP.

MAYBE WE START THAT AND THEN SORT OF RAMP IT OUT, MAYBE IT'S A CONTEST TO SEE WHICH NEIGHBORHOOD HAS THE MOST SORT OF EARLY ADOPTERS ON THEIR OWN AND THAT LEADS THE WAY TO GET TO THE PILOT.

I KNOW THERE WILL BE A FIGHT AMONG MY EIGHT DISTRICT COLLEAGUES AND MYSELF WHICH NEIGHBORHOOD GETS TO START. AND THEN SORT OF GO FROM THERE. SO I THINK THE APPETITE IS CERTAINLY THERE.

AND WE'RE GOING TO HEAR FROM SOME FOLKS LATER.

AND, THE OPPORTUNITY IS THERE, AS WELL, TO MAYBE HELP EDUCATE MORE PEOPLE.

AND YOU KNOW, I PUT MYSELF AND MY COLLEAGUES IN THAT, AS WELL. AND THEN MY LAST QUESTION FOR THIS ROUND IS, WHAT DO WE DO WITH THE -- CURRENTLY WHAT DO WE DO WITH THE 34 TONS COMPOSTED FROM PROJECT OSCAR?

AND WHAT COULD WE DO IF WE WERE TO EXPAND THIS SIGNIFICANTLY? DO WE USE THIS IN OUR PARKS? IN OUR PLAYGROUNDS OR MULCH, FOR YOU KNOW, FERTILIZER, OR ANYTHING?

>> THE STUFF THAT IS ACTUALLY RETURNED TO THE CITY OF BOSTON IS THE YARD WASTE WHICH IS GOING TO OUR COMPOSTING FACILITY ON AMERICAN LEGION HIGHWAY.

>> YES.

>> THE MATERIAL THAT GOES TO CORE AND COMES RIGHT BACK TO THE

CITY.

AND THE HAYMARKET FOOD WASTE THAT GOES TO ROCKY HILL, THAT BECOMES ESSENTIALLY A COMPOST ADDITIVE FOR ORGANIC PURPOSES.

>> DO WE USE IT THOUGH?

>> THE ONLY THING WE USE IS FROM THE YARD WASTE.

>> AND SO THAT BRUCE FULFORD OPERATION ON AMERICAN LEGION HIGHWAY AND WE'D USE THAT IN PARKS AND PLAYGROUNDS.

>> AND COMMUNITY GARDENS.

>> COMMUNITY GARDENS.

AND HAVE WE EVER HAD AN INDIVIDUAL, YOU KNOW, SWING BY AND SAY I'D LOVE SOME FOR MY GARDEN --

>> HE'S NOW -- WE'LL SELL IT ON A RETAIL BASIS.

THERE ARE CERTAIN LIMITS, AND I DON'T REMEMBER.

>> OKAY THERE ARE CERTAIN LIMITS OF HOW MUCH YOU CAN PURCHASE, AND I'M FORGETTING WHICH DIRECTION IT IS BUT I CAN GET THAT FOR YOU.

>> BUT I THINK IF WE WERE TO RAMP IT UP AND GROW IT THAT COULD BE A GREAT RESOURCE THAT WE HAVE THAT COULD MAYBE HELP OFFSET SOME OF THE COST.

SELL IT AT COST BUT ENOUGH TO INCENTIVIZE, YOU KNOW, AN AMATEUR GARDENER SUCH AS MYSELF TO, YOU KNOW, SUPPORT THIS PROGRAM, SUPPORT THE CITY, AND BE ABLE TO PICK IT UP IN A CLOSED SPACE.

>> WE'D HAVE TO CHECK WITH THE STATE ON THAT.

WITH THE AUDUBON.

IT'S THEIR LAND THAT WE USE FOR THE PROGRAM.

>> YEAH.

>> SO AGAIN, YOU KNOW,
INFRASTRUCTURE, AND LAND, AND
EVERYTHING IS VERY IMPORTANT
BECAUSE THERE'S NOT MANY PLACES
THAT WE CAN DO THIS.
WE'RE FORTUNATE TO HAVE THAT
SPACE.

>> YEAH.

>> THAT WE CAN USE, AND YOU

KNOW, DO WHAT WE DO THERE. >> I WOULD EVEN ARGUE AND AGAIN I WANT THIS TO HAPPEN SO I WANT TO THROW UP AS FEW ROADBLOCKS AS POSSIBLE, BUT PERHAPS LOOK AT SOME OF THE DPW YARDS AS OPPORTUNITIES WHERE, YOU KNOW, WE COULD SHIP A FINITE AMOUNT OF COMPOST THAT PEOPLE COULD PICK UP AND USE AND MAYBE PAY A NOMINAL AMOUNT FOR. BUT I THINK THIS IS A REAL EXCITING OPPORTUNITY.

SO, YOU KNOW, I AM VERY DELITED TO HEAR, AND CHIEF OSGOOD THANK YOU, AND YOUR TEAM, BRIAN AND SUSAN, FOR SPENDING A LITTLE TIME WITH US THIS MORNING. I'M DELIGHTED TO HEAR, YOU KNOW, THAT THIS SEEMS LIKE THIS IS

SOMETHING YOU ALL ARE TAKING VERY, VERY SERIOUSLY.

IN TERMS OF SORT OF THE FOUR NEXT STEPS, EXPANDING DISPOSALS, EXPANDING PROJECT OSCAR, BETTER SUPPORT FOR SMALL BUSINESSES, AND THEN RUNNING A CITY-LED CURBSIDE COMPOSTING PROGRAM. IN ADDITION TO, YOU'RE SAYING, INCREASE THE YARD WASTE PICKUP TO 20 WEEKS.

BUT THAT'S DIFFERENT.

IT SEEMS LIKE THAT'S LIKELY TO HAPPEN NEXT YEAR, WHICH IS GREAT.

THIS COULD BE TERRIFIC.

THIS GOD WILLING COULD BE THE LAST TIME WE DO A CURBSIDE COMPOSTING HEARING.

AND I THINK YOU GUYS WOULD LOVE THAT AS MUCH AS I WOULD. SO I'M GOING TO THANK YOU FOR YOUR TIME.

I HAVE NO FURTHER QUESTIONS. COUNCILOR EDWARDS HAS NO FURTHER OUESTIONS.

IF YOU ARE FREE I INVITE YOU TO JUST STAY.

WE'RE ACTUALLY MOVING PRETTY QUICKLY SO JUST TO HEAR FROM THE NEXT PANEL, AND MAYBE IF SOME FOLKS TESTIFY THAT WOULD BE GREAT.

THANK YOU ALL, REALLY APPRECIATE

YOUR TIME.

THAT'S REALLY EXCITING.

THANK YOU.

I'D NOW LIKE TO INVITE CHRISTINE PECCHI, LAURA HOLMES, AND DR. LAURA ORLANDO TO PLEASE JOIN US AT THE DAIS.

>> GOOD MORNING.

>> LAURA IF YOU JUST WANT TO INTRODUCE YOURSELF, NAME AND TITLE AND THEN GO DOWN -- ACTUALLY, IF YOU HAVE AN OPENING, INTRODUCE YOURSELF, OPENING STATEMENT AND THEN WE'LL GO DOWN TO YOUR RIGHT.

- >> GOOD MORNING.
- >> GOOD MORNING.

FOR BEING HERE.

>> I'M LAURA HOLMES, GENERAL MANAGER AT SERA CO-OP.
AND THANK YOU, COUNCILOR
O'MALLEY AND COUNCILOR EDWARDS

THE ENVIRONMENT COMMITTEE FOR CONVENING THIS HEARING ABOUT A VERY IMPORTANT TOPIC, AND A VERY IMPORTANT MOMENT IN TIME.

I'M A WORKER OWNER AND GENERAL MANAGER AT SERO COOPERATIVE, BOSTON ONLY COMMERCIAL COMPOST SERVICES COMPANY.

WE DIVERT MORE THAN 50 TONS OF COMPOSTABLE WASTE EVERY WEEK FOR MORE THAN 60 BUSINESS AND INSTITUTIONAL CUSTOMERS.

THAT'S 50 TONS OF MATERIAL THAT'S NO LONGER BEING BURNED IN WASTE TO ENERGY PLANTS.

THAT'S GREEN WASHED BRANDING NOW USED FOR WHAT ARE REALLY TOXIC INCINERATORS.

WE'RE CURRENTLY ALL OF BOSTON'S WASTE GOES UP IN SMOKE, WE'RE PROUD TO BE GROWING A BUSINESS THAT PROVIDES GOOD, GREEN JOBS AND WORKER OWNERSHIP IN OUR COMMUNITY WHILE CREATING A SUSTAINABLE ALTERNATIVE FOR THE CITY'S ORGANIC WASTE.

I FIRST TESTIFIED BEFORE THIS COMMITTEE AT YOUR HEARING IN 2014.

SINCE THAT TIME, SIGNIFICANT DEVELOPMENTS SHOULD INFORM OUR POLICY, AND BUDGETARY

DELIBERATIONS NOW.

THE ORGANICS WASTE BAN HAS GONE INTO EFFECT ENCOURAGING MORE BUSINESSES TO PARTICIPATE IN FOOD WASTE DIVERSION.

THERE'S BROAD RECOGNITION ACROSS THE PLANET, THAT ORGANIC WASTE IS THE MOST OBVIOUS EARLY TARGET FOR REDUCING ALL WASTE.

ORGANIC WASTE IS INCREASINGLY RECOGNIZED AS A VALUABLE RESOURCE.

WHEN PROCESSED PROPERLY
COMPOSTED FOOD WASTE ALONE CAN
REPLENISH ALL OF THE DEPLETED
SOIL ON EARTH.

IN THE SOIL IT ACTS AS A SPONGE SUCKING UP CARBONS AND MITIGATING CO-2, THE GREENHOUSE GAS THAT CONTRIBUTES MOST TO CLIMATE CHANGE.

YOU'RE SEEING A WHOLE NEW BIOGAS INDUSTRY DEVELOP AROUND FOOD WASTE THAT'S DEMONSTRATING THE GREAT PROMISE FOR THIS RENEWABLE FUEL.

WHAT A GREAT ALTERNATIVE TO FRACKED GAS.

CITIES ACROSS THE COUNTRY, INCLUDING BOSTON ARE IMPLEMENTING ZERO WASTE PLANS. THIS IS GREAT.

AT THE SAME TIME IT MEANS THAT LEADERSES LIKE YOU ALL WILL BE MAKING CRITICAL POLICY DECISIONS WITH FAR-REACHING FUTURE IMPACT. BECAUSE DIVERSION AND RECYCLING ORGANIC WASTE IS SO NEW IN THIS COUNTRY, AND THE AMOUNTS ARE SO LARGE, WE NEED TO SCALE ORGANICS PROCESSING INFRASTRUCTURE SIGNIFICANTLY.

HERE'S WHERE WE NEED TO BE REALLY CAREFUL, AND DO OUR HOMEWORK.

BECAUSE HOW WE DISPOSE OF THE ORGANICS MATTERS SO MUCH.
ORGANIC PROCESSING TECHNOLOGIES ARE EVOLVING DYNAMICALLY.
AND THEY VARY ENORMOUSLY.
THE OLDEST FORMS OF COMPOSTING HAVE UNDERGONE MAJOR MODERNIZATION.

AND WE DON'T HAVE NEARLY ENOUGH

WIND-ROW CAPACITY AS THE CITY FOLKS SAID, ESPECIALLY WITHIN REASONABLE PROXIMITY TO THE CITY.

BIG WASTE TO ENERGY INCINERATORS AND AN AEROBIC DIGESTERS HAVE MOVED IN TO GOBBLE UP LARGE AMOUNTS OF ORGANICS BUT THEY'RE BAD ALTERNATIVE.

JUST AS OVER INVESTMENT IN FOSSIL FUELS MEANS THERE'S BEEN UNDERINVESTMENT IN RENEWABLE ENERGY, BURNING ORGANICS IN INCINERATORS OR MIXING FOOD WASTE WITH SEWAGE, WHICH IS WHAT HAPPENS IN DIGESTERS, ARE FRAUGHT SOLUTIONS.

IF THAT'S WHERE OUR ORGANICS ARE GOING WE MIGHT AS WELL JUST FLUSH OUR FOOD WASTE DOWN THE TOILET.

IF WE CHOOSE BURNING AND FLUSHING AS THE PRIMARY ORGANIC SOLUTION WE SQUANDER THE PHENOMENAL RESOURCES ORGANIC WASTE OFFICE.

INSTEAD OF EXTRACTING THE ORGANICS FOREVER AWAY FROM THE FOOD GROWING CYCLE, WE SHOULD VIEW DEVELOPMENT OF AN ORGANICS INFRASTRUCTURE AS A GOLDEN OPPORTUNITY TO ACHIEVE POSITIVE ENVIRONMENTAL AND ECONOMIC IMPACT.

WE APPLAUD THE CITY OF CAMBRIDGE FOR ROLLING OUT A CITYWIDE CURBSIDE COMPOST COLLECTION PROGRAM.

AT THIS HEARING IN 2014, I REMEMBER HEARING ABOUT THE PILOT THEY HAD BEGUN IN NORTH CAMBRIDGE.

THE PILOT DEMONSTRATED THAT RESIDENTS DO WANT TO COMPOST. IT SIGNIFICANTLY REDUCD OVERALL TRASH AND THE ORGANIC WASTE IS BEING PROCESSED AT AN EASTERN MASS WINDROW FACILITY WHERE FOOD WASTE WAS RECYCLED INTO HEALTHY SOIL PRODUCTS.

THE CHALLENGE FACING CAMBRIDGE NOW IS AN ACUTE LACK OF INFRASTRUCTURE.

WHICH IS NEEDED TO COMPOST FROM

THE 25,000 HOUSEHOLDS NOW ELIGIBLE TO PARTICIPATE IN THE PROGRAM.

THE ONLY PROCESSING FACILITY
THEY HAVE FOUND PREPARED TO
HANDLE THE VOLUME IS BY TRUCKING
TO THE CHARLESTOWN SLURRY PLANT
YOU'VE BEEN HEARING ABOUT WHERE
WATER IS ADDED TO MAKE IT INTO A
SLUSH THAT THEY THEN PUMP INTO
MORE TRUCKS, AND DELIVER TO
LAWRENCE.

THERE IT'S PUMPED INTO AN ANAEROBIC DIGESTER AND MIXED UP WITH WASTEWATER FROM THE SEWER SYSTEM.

I'M NOT SURE HOW THE FERTILIZER BY-PRODUCT IS APPIED IN AGRICULTURE BUT I DON'T THINK I'D WANT TO PUT IT ON MY GARDEN. STILL, I DO APPLAUD CAMBRIDGE FOR MAKING THE COMMITMENT TO DIVERT ORGANICS, AND I'M GLAD IT'S SHINING THE LIGHT ON THE NEED FOR BETTER ORGANICS PROCESSING INFRASTRUCTURE. BOSTON CAN HELP TO BUILD THAT INFRASTRUCTURE AND LET'S DO IT THE RIGHT WAY.

WHEN WE BUILD A COMPOSTING INFRASTRUCTURE THE RIGHT WAY, WE WILL PRIORITIZE HIGHEST POSSIBLE USE SOLUTIONS.

HIGHEST USE SOLUTIONS MAXIMIZE THE VALUE, AND ENVIRONMENTAL BENEFIT AVAILABLE IN COLLECTING ORGANIC WASTE.

ALL COMPOSTING MITIGATES METHANE AND PRODUCES ENERGY.

NOT ALL COMPOSTING TECHNOLOGIES RECYCLE THE ORGANIC MATERIAL IN THE WAYS THAT ARE BEST FOR SOIL HEALTH, FARMING AND GROWING FOOD.

PLACES TO START SHOULD SUPPORT A
DIVERSITY OF SYSTEMS SO WE CAN
KEEP LEARNING AND AVOID
UNINTENDED CONSEQUENCES BY
MAKING HASTY CHOICES IN A
RAPIDLY EVOLVING INDUSTRY.
WE SHOULD LIFT UP HIGHEST USE
APPROACHES THAT AS VALUE, SUCH
AS LOCAL EMPLOYMENT, MICROGRID
CONNECTIONS, AND THE BEST

PRODUCTS FOR LOCAL AGRICULTURE. FROM THE MOMENT WE STARTED BUILDING CERO COOPERATIVE IN 2012 WE PARTNERED WITH CITY SOIL, WHICH HAS COMPOSTED THOUSANDS OF TONS OF BOSTON'S YARD WASTE FOR MANY YEARS. INCORPORATING FOOD SCRAPS INTO THIS EXISTING SYSTEM WOULD BE THE CHEAPEST, FASTEST, AND MOST LOGICAL FIRST STEP THE CITY COULD TAKE TO BUILD LOCAL ORGANICS INFRASTRUCTURE. UNFORTUNATELY, THE ENVIRONMENT AND PUBLIC WORKS DEPARTMENTS HAVE NOT YET MOVED TO ALLOW THAT TO HAPPEN.

AS A RESULT, CERO IS EXPORTING THE BEAUTIFUL ORGANICS THAT WE COLLECT, MORE THAN 50 TONS EVERY WEEK, AND GROWING.

LOSING THE VALUE THAT COULD BE SO BENEFICIAL RIGHT HERE IN THE CITY.

WE SUPPORT BOSTON TO TAKE ON RESIDENTIAL CURBSIDE COMPOSTING AND LET'S DEDICATE OURSELVES AS A CITY, AS RESIDENTS, AND AS WORKERS TO FIGURING OUT HOW TO DO ORGANICS RIGHT.

I'M HAPPY TO ANSWER ANY QUESTIONS, AND GIVE YOU ANY MORE INFO THAT MIGHT BE HELPFUL. AND THANK YOU FOR HAVING THIS HEARING.

>> THANK YOU, LAUREN. THANK YOU FOR BEING ONE OF THE ORIGINALS WHEN WE FIRST STARTED THIS.

I'M GOING TO DO OTHER OPENING STATEMENTS THEN I'LL GET TO SOME QUESTIONS FOR THE PANEL. SO THANK YOU.

ANDY, WELCOME.

OUT.

>> THANK YOU SO MUCH.

GOOD MORNING. THANK YOU COUNCILOR O'MALLEY, THANK YOU COUNCILOR EDWARDS. I'M THRILLED TO BE HERE. THANKS, EVERYBODY FOR COMING

I ALSO FEEL WOEFULLY ILL PREPARED FOR THIS MEETING. I GOT MARRIED LAST SATURDAY. >> CONGRATULATIONS.

>> AND I GOT A KID ON THE WAY. AND NBA DRAFT JUST HAPPENED. [APPLAUSE]

>> I GOT A LOT ON MY PLATE BUT I'M GOING TO TRY TO DO THE BEST JOB THAT I CAN WITH WHAT I KNOW. WHICH IS QUITE A BIT ABOUT THIS AREA.

I STARTED MY COMPANY IN 2011 IN JAMAICA PLAIN USING A HAND TRUCK TO PICK UP ORGANICS FROM HOMES, USING A FIVE GALLON BUCKET SYSTEM.

THE WORD SPREAD PRETTY QUICKLY. I GOT SOME REALLY NICE MEDIA COVERAGE AND IT JUST SORT OF HAS BEEN, YOU KNOW, GROWING EVER SINCE.

TODAY WE HAVE 2200 RESIDENTIAL ACCOUNTS THROUGHOUT THE CITY. AND 200 COMMERCIAL ACCOUNTS THROUGHOUT THE CITY, AS WELL. WHICH IS PRIMARILY OFFICES, WHICH IS AN INTERESTING SEGMENT OF OUR CUSTOMER BASE. TO DATE, SINCE 2011, WE HAVE MANAGED TO DIVERT 3 MILLION

POUNDS OF ORGANICS FROM THE WASTE STREAM.

THAT REPRESENTS APPROXIMATELY 1.5 MILLION POUNDS OF COMPOST. THAT 1.5 MILLION POUNDS OF COMPOST IS EITHER STAYED ON SITE TO THE FARMS WHERE WE WORK. WE WORK WITH ROCKY HILL FARM AND WE WORK WITH SOME SMALLER COMMUNITY FARMS THROUGHOUT THE CITY.

SO WE BRING OUR ORGANICS TO THESE LOCATIONS, AND THEN THEY SORT OF BENEFIT FROM THAT PROCESS.

WE'RE ABLE TO USE THOSE FEED STOCKS, ADD CARBON AND MAKE A PREMIUM SOIL AMENDMENT FOR THEIR BENEFIT.

SO THAT'S WHERE THE MAJORITY OF THE FINISHED COMPOST STAYS. THE REST IS DISTRIBUTED TO OUR 2200 HOUSEHOLDS.

SO THAT IS A BEAUTIFUL THING THAT I AM SUPER PROUD OF, WITH BOOTSTRAP COMPOST IS WE'RE NOT JUST MAKING COMPOST BUT WE'RE ALSO REDISTRIBUTING IT TO THE COMMUNITY, DOING A LOT OF WORK WITH SCHOOLS, COMMUNITY GARDENS, BIKE PATHS, THAT SORT OF THING, TO GET THE MATERIAL ACTUALLY OUT THERE SO PEOPLE CAN UNDERSTAND THE BENEFITS OF NUTRIENT SUCH SOIL AMENDMENT.

- >> WHAT WAS THE NAME OF YOUR COMPANY?
- >> BOOTSTRAP COMPOST.
- >> THANK YOU.
- >> SO I GUESS, I MEAN THERE'S 1,000 THINGS I COULD TALK ABOUT. I'LL TRY AND FOCUS HERE A LITTLE BIT.

THE WAY I SEE IT IS COMPOSTING IS A NECESSARY EVIL, WITH TREMENDOUS BENEFITS.

RIGHT?

THERE'S A LOT OF BENEFITS THAT CAN BE HAD IN TERMS OF MITIGATING CARBON, CREATING, AGAIN, THIS BEAUTIFUL SOIL AMENDMENT FOR IMPROVING YIELDS, AND FIGHTING PLANT DISEASE, THAT SORT OF STUFF.

SO THERE IS NO DOUBT A LOT OF BENEFITS TO COMPOSTING.

WITHOUT QUESTION.

BUT I THINK IT'S IMPORTANT THAT WE START TO TACKLE THE ROOT OF FOOD WASTE.

RIGHT?

WHY, AND THIS IS A HARD THING TO LEGISLATE, BUT PERHAPS WE SHOULD BEGIN HAVING A CONVERSATION ABOUT THE AMOUNT OF MATERIAL -- THE AMOUNT OF GROCERIES, THE AMOUNT OF -- THE SIZE OF PORTIONS, WHATEVER IT IS, THERE'S TOO MUCH FOOD WASTE BEING GENERATED.

PEOPLE ARE OVERBUYING. WE NEED TO REEL THAT IN.

THROUGH MY JOB, YOU KNOW, BEING THE C.E.O. OF ABOUT BOOTSTRAP COMPOST I'VE HAD THE PLEASURE OF VISITING MANY SCHOOLS.

BOSTON PUBLIC SCHOOLS, PRIVATE SCHOOLS, SCHOOLS THAT HAVE INVITED ME IN TO TALK, TO DO AUDITS, THAT SORT OF THING.

AND ONE THING THAT I'VE NOTICED IS THAT THESE SCHOOLS ARE GETTING LUNCHES AND SNACKS THAT THE STUDENTS DO NOT WANT.
THEY'RE TELLING ME POINT-BLANK, MR. BROOKS, I DO NOT WANT THIS APPLE.

THIS APPLE IS NOT GOOD.

RIGHT?

SO THEY'RE GETTING THIS STUFF, PRESUMABLY THROUGH CONTRACTS, THROUGH THE CITY OF BOSTON, AND THIS IS JUST FOOD THAT THEY DO NOT WANT.

IT DOESN'T LOOK APPETIZING. AND IT BREAKS MY HEART THAT WE HAVE THIS CHAIN THAT IS SO WASTEFUL.

SO YOU HAVE A SCHOOL THAT WANTS TO COMPOST BECAUSE THEY HAVE TOO MUCH FOOD THAT THEY'RE NOT EVEN INTERESTED IN EATING.

IT'S JUST A REALLY WEIRD PROBLEM.

AND I THINK WE NEED TO ADDRESS IT.

I KNOW IT'S A DROP IN THE BUCKET IN TERMS OF WHAT THE CITY OF BOSTON IS GENERATING.

BUT I THINK IT'S A GOOD PLACE TO START.

AND SORT OF, YOU KNOW, BEGIN THE CONVERSATION.

SO, AGAIN, I'LL BE HERE.

I'M HAPPY TO TALK.

THIS IS AN EXCITING, YOU KNOW, MORNING, AND THANK YOU AGAIN SO MUCH FOR HAVING ME.

>> THANK YOU.

THANK YOU.

>> GOOD MORNING.

MY NAME IS LAURA ORLANDO.

THANK YOU, COUNCILORS EDWARDS AND O'MALLEY FOR HAVING THIS HEARING, AND LETTING ME SPEAK.

I'M A CIVIL ENGINEER.

I'M THE EXECUTIVE DIRECTOR OF A SMALL NONPROFIT CALLED RILED AND I'M AN ADJUNCT PROFESSOR AT THE BOSTON UNIVERSITY SCHOOL OF PUBLIC HEALTH.

I'VE SPENT THE PAST 30 YEARS LOOKING AT WHAT GOES IN THE SEWER, AND WHAT COMES OUT OF IT,

THE END PRODUCTS, WHICH ARE TREATED WASTEWATER, AND SEWAGE SLUDGE.

I'D LIKE TO SPEAK TO CONTAMINATION ISSUE, WHICH IS ADDING -- WHICH IS THE SEWAGE SLUDGE.

AND I'VE WRITTEN TESTIMONY, GOT TECHNICAL INFORMATION IN IT.
I'M NOT GOING TO READ IT.
BUT I'LL LEAVE IT FOR YOU.
BUT I'D -- I SUPPORT THE, AND AM ADVOCATE FOR CURBSIDE COMPOSTING OF FOOD WASTE, AND I'M HERE TO TELL YOU THAT IT IS NOT COMPOSTING WHEN ONE ADDS FOOD WASTE TO SEWAGE SLUDGE.
PUTTING FOOD IN THE SEWER IS NOT AN ENVIRONMENTALLY RESPONSIBLE

IT'S NOT GOOD FOR PUBLIC HEALTH.
AND IT'S AN ENVIRONMENTAL
JUSTICE ISSUE.

SINCE THE RULES WERE PROMULGATED IN 1993, FEDERAL RULES THAT ALLOW THE SO-CALLED LAND APPLICATION OF SEWAGE SLUDGE, COMMUNITIES ACROSS THE COUNTRY HAVE PUSHED BACK.

WHY?

ACT.

BECAUSE SEWAGE SLUDGE IS A
HITTERO GENUS MIX OF TOXINS.
EVERYTHING THAT GOES DOWN THE
SEWER IS NOT WHAT'S FLUSHED DOWN
THE TOILET, IT'S HOSPITAL WASTE,
IT'S ROAD RUNOFF, IT'S
INDUSTRIAL WASTE, IT'S
EVERYTHING THAT GOES INTO THAT
PIPE ENDS UP IN THE SEWER.
AND THE SEWAGE TREATMENT PROCESS
IS MEANT TO ADDRESS THE
ORGANICS.

IT DOESN'T HAVE ANYTHING TO DO WITH THE TOXICANTS THAT GO INTO THE SEWER.

THE FLAME RETARDANTS, PFAS, IT'S A LAUNDRY LIST OF THOUSANDS OF CHEMICALS THAT GO INTO THE SEWER, DEPENDING ON WHETHER THEY'RE HYDRO PHOBIC OR HYDRO PHILIC, WHETHER THEY LIKE WATER, WHETHER THEY DON'T LIKE WATER, THE TREATED WASTEWATER WHICH GOES OUT IN BOSTON'S CASE INTO

THE ATLANTIC OCEAN, THEY END UP IN THE SEWAGE SLUDGE.

NOTHING ABOUT THE SANAEROBIC

DIGESTER DETOXIFIES OR OTHERWISE

TREATS OR MITIGATES THAT LAUNDRY LIST OF CHEMICALS.

AND THERE ARE THOUSANDS OF

PURITY PAPERS THAT WILL

DEMONSTRATE, OR THAT SHOW, YOU

KNOW, IT'S A TOXICOLOGISTS DREAM

THAT WILL SHOW WHAT CHEMICAL OR WHAT CHEMICALS, IF YOU LOOK FOR

IT, YOU'LL FIND IT.

YOU KNOW, ESTRODIAL FROM BIRTH CONTROL RETARDANTS.

SO -- I BROUGHT PROPS.

WE KNOW WHAT THIS IS.

YOU CAN AND THIS OVER TO ANDY.

THEY CAN COMPOST THIS.

WE KNOW THAT THAT COMPOST IS NOT

CONTAMINATED AND I CAN PUT IT IN MY GARDEN AND MY CHILDREN CAN

PLAY IN IT AND IT'S NOT A PUBLIC

HEALTH THREAT.

YOU DON'T HAVE TO SIT HERE AND

TALK ABOUT WHAT LEVEL OF

CONTAMINANTS IS OKAY FOR OUR KIDS, OUR FOODS, THIS IS SEWAGE

SLUDGE.

IT'S BEEN DRIED, IT'S BEEN MIXED WITH TWO PARTS WOOD CHIPS.

IT LOCKS INNOCUOUS.

WE DON'T KNOW WHAT IS IN IT.

WE DO KNOW THAT IT HAS TOXINS IN

IF YOU MIX THIS WITH THIS, IT BECOMES SEWAGE SLUDGE.

WE'LL SIT HERE AND HAVE

DISCUSSIONS ABOUT HOW MUCH

POISON IS TOO MUCH POISON.

YOU KEEP IT SEPARATE, YOU DON'T

HAVE TO HAVE THOSE DISCUSSIONS.

THIS IS AN ENVIRONMENTAL JUSTICE ISSUE.

SLUDGE GOES TO THE POOREST

COMMUNITIES ACROSS THE COUNTRY.

FOR A LONG TIME, NEW YORK CITY

SENT THEIR SLUDGE BY TRAIN TO

THE POOREST COUNTY IN TEXAS. THAT'S JUST ONE EXAMPLE.

VIRGINIA, NEW HAMPSHIRE, YOU CAN

JUST FOLLOW THE SLUDGE AND IT'S DUMPED WHERE THERE'S NOT A

STRONG PUSHBACK.

WHETHER ONE DRIES SEWAGE SLUDGE, PUTS IT IN AN ANAEROBIC DIGESTER, ADDS WOOD CHIPS TO IT OR OTHER WHYS TRIES TO COMPOST IT, IT HAS CONTAMINANTS IN IT. SO I'M HERE TO ENCOURAGE YOU NOT TO BUT IT IN WASTE WATER TREATMENT PLAN.

I THINK THE PEOPLE OF JAMAICA PLAINS WILL BE INTERESTED IN THAT THE BINS AT CURTIS HALL THAT SAYS COMPOST ON IT, THAT THE FOOD WASTE IS NOT BEING COMPOSTED.

THE PEOPLE OF CAMBRIDGE ARE BEING TOLD THAT THEY HAVE A CURBSIDE COMPOST PROGRAM. THERE'S NO COMPOSTING INVOLVED. AND THERE'S A TREMENDOUS WASTE OF RESOURCES AND IT'S MOVING ONE HAZARDOUS WASTE PROBLEM TO ANOTHER PLACE.

IT'S NOT FIXING ANYTHING.
AND SO I'LL LEAVE MY TESTIMONY
WITH YOU.

I'M HAPPY TO ANSWER ANY QUESTIONS THAT YOU HAVE. THANK YOU.

>> THANK YOU, LAURA.

>> GOOD MORNING.

THANK YOU FOR HAVING ME.
MY NAME IS KISTY PETTY.
I'M FROM THE CONVERSATION LAW
FOUNDATION.

WE USE THE LAW AND SCIENCE AND THE MARKET TO PROTECT HUMAN HEALTH.

MAKE SURE THAT THE ENVIRONMENT IS PROTECTED AND PROTECT HUMAN HEALTH.

THANKS FOR CALLING FOR THIS HEARING.

I'M VERY EXCITED ABOUT THIS.
THANK YOU FOR ALL THE GOOD WORK
THAT THE CITY OF BOSTON HAS
DONE.

CHRIS AND BRIAN HAVE WORK HARD ON THIS PLANNING PROCESS.

I THINK THIS WILL BE A
TREMENDOUS OPPORTUNITY FOR THE
CITY OF BOSTON TO SAVE MONEY,
CREATE JOBS AND ALSO PROTECT THE
ENVIRONMENT AND NOT SEND ITS
WASTE TO INCINERATORS BUT

INSTEAD CAPTURING ENERGY IN THE MATERIALS BUT REDUCING, REUSING RECYCLING AND COMPOSTING. THANKS FOR YOUR HARD WORK ON THAT.

LOOKING AT THIS PROCESS AND LOOKING AT COMPOSTING, I WOULD ADVISE YOU VERY STRONGLY -- I'VE BEEN TO CITIES ACROSS THE COUNTRY AND GLOBE.

IF YOU DON'T GO BIG, IT'S NOT GOING TO WORK.

WHAT I MEAN BY THAT, YES, WE HAVE TO ROLL THIS OUT CAREFULLY, YES, WE HAVE TO HAVE PILOT PROGRAMS AND DO EDUCATION.
BUT TO SEE SAVINGS, TO SEE SAVINGS AND MAKE SURE THAT THIS WORKS AND PROTECT THE ENVIRONMENT, WE HAVE TO DO A FEW THINGS VERY WELL.

ONE OF THEM IS YOU NEED TO GET YOUR FOOD WASTE OUT OF THE TRASH SO YOU DON'T HAVE TO PICK UP THE TRASH AS OFTEN.

WE NEED TO GET THE WASTE, THE FOOD WASTE, THE EXCELLENT FISH THAT WE ITALIANS ARE SO WELL-KNOWN FOR, WE NEED THAT OUT OF THE TRASH.

THEN YOU CAN PICK UP YOUR TRASH LESS OFTEN.

THAT'S A HUGE SAVINGS.

COUNCILLOR O'MALLEY, YOU TALK ABOUT THE 30% THAT WE TALKED ABOUT, THE FOOD WASTE.

THE 30% OF THE TRASH RIGHT NOW, INSTEAD OF PAYING THE \$70, \$80 TIPPING FEE, WE COULD BE CHARGING MUCH LESS FOR COMPOSTING.

THAT WILL ONLY WORK IF THE SYSTEM WORKS THROUGHOUT THE WHOLE CITY SO YOU DON'T HAVE SPOTTY PICK UP AREAS.
YOU NEED TO BE EFFICIENT ABOUT

YOUR PICKUP.

YOU NEED TO PICK UP TRASH MUCH LESS.

I KNOW I'M A BROKEN RECORD, BUT THE CONTRACTS THAT YOU ENTER INTO NEED TO CAPTURE THE VALUE. YOU HAVE TO SAVE MONEY BASED ON PICKUP AND TONNAGE SO THE COMPOSTING WORKS.

THE OTHER THING TO BE CAREFUL OF AS MY COLLEAGUES HAVE SPOKEN ABOUT, IS WHAT WE'RE DOING. ARE WE GOING TO BE REPLACING ONE DANGEROUS SYSTEM WITH ANOTHER. IS IT A FAULT SOLUTION OR REAL COMPOSTING OR REAL DIGESTION OF MATERIALS SEPARATE FROM SEWAGE SLUDGE AND OTHER TOXINS. IF YOU ARE PUTTING FOOD WASTE DOWN YOUR WASTE DISPOSAL SYSTEM IN YOUR HOME, IT'S THE SAME AS FLUSHING IT DOWN A TOILET AND MIXED WITH SEWAGE SLUDGE. YOU'LL NEVER GET CLEAN COMPOST THAT CAN BE ADDED TO A FARM OR A CHILDREN'S FIELD, BALL FIELD IF YOU DO THAT.

IF YOU PROCESS IT THROUGH AN ANAEROBIC DIGESTER, A TANK SYSTEM, CAPTURED AND BURNED AROUND THEN THAT -- WHAT IS LEFT FROM THAT IS COMPOSTED OR WHETHER YOU DO WIND COMPOSTING WHERE YOU INCORPORATE AIR IN THE SEASON AND YOU HAVE A COMPOST. THE COMPOST AT THE END IS WHAT WE WANT.

WE WANT THE CLEAN SYSTEM.
YOU WANT TO SAVE MONEY BY HAVING
A MUCH LESS -- A SMALLER TIPPING
FEE, BY BEING EFFICIENT AND
TRUCKING.

IF YOU USE AN ANAEROBIC DIGESTER USING METHANE AND THEN SOMETHING THAT YOU CAN SELL AS A CLEAN PRODUCTS AND ADD IT TO SOIL. THEN IT WILL DO THE THINGS THAT THESE INTELLIGENT FOLKS HAVE SAID.

IT WILL SUPPLEMENT OUR SOIL SO IT CAN CONTINUE TO GROW FOOD FOR US AND ALSO WILL PREVENT THE PRODUCTION OF METHANE AND THE WASTE OF FOOD.

WE HAVE TO GO BIG OR GO HOME.

IF YOU HAVE A SYSTEM THAT IS

SPOTTY, IT WILL BE EXPENSIVE AND
WON'T WORK.

I'D LIKE TO ADDRESS A FEW OTHER POINTS THAT CAME UP.

ONE OF WHICH IS WE DO HAVE A RECYCLING PROBLEM.

THE RECYCLING PROBLEM IS THAT WASTE COMPANIES TRY TO DO THIS AS CHEAPLY AS POSSIBLE AND COLLECT EVERYTHING IN SINGLE STREAM, THE IDEA THAT THEY'LL COLLECT MORE, BUT IN ACTUALITY IT WAS CHEAPER TO COLLECT IT THAT WAY AND SEND IT TO CHINA. IN CHINA, THEY WERE BURNING IT. NOW WE'RE FINDING YEAH, THE MATERIAL WAS NEVER A GOOD QUALITY.

THAT'S NEVER CHANGED.

COMPOSTING HELPS YOU WERE YOUR
SINGLE-STREAM PROBLEM.

FOLKS ARE SEPARATING OUT THE

RECYCLABLES ON.

WE DON'T HAVE THE BAGS.
THAT WILL HELP A LOT.
SEPARATING OUT THE RECYCLABLES
AND FOOD WASTE AND REALIZE THAT
IT'S WORKING AND A LOT LESS
INTIMIDATING FOR PEOPLE AND THEY
GET A HANDLE ON IT.

WHEN YOU INSTITUTE THE RECYCLING PROGRAM, THE RATES IMPROVE, THE CONTAMINATION RATES GO DOWN.

THAT'S ONE THING.

THE OTHER THING IS COMPOSTING LIKE RECYCLING HAS TO BE UNIVERSAL ACCESS.

IN OTHER WORDS, IF I COME INTO THIS BUILDING, IF I GO TO MY OFFICE, IF I'M HOME, IF I'M AT MY DOCTOR'S OFFICE, THERE HAS TO BE RECYCLING AND COMPOSTING AVAILABLE EVERYWHERE.

IF I GO TO THE PARK, IT HAS TO BE EVERYWHERE.

UNIVERSAL ACCESS IS THE ONLY WAY THIS WILL WORK SO YOU HAVE A PROGRAM LIKE SAN FRANCISCO WHERE YOU DIVERSE 80% OF THE WASTE FROM YOUR LANDFILL.

IN THIS CASE, INCINERATORS. WE HAVE TO BE AGGRESSIVE ABOUT THAT.

THAT SPEAKS TO A POINT THAT COUNCILLOR EDWARDS MADE EARLIER. WE NEED TO MAKE SURE THAT BUSINESSES, THE INSTITUTIONS, INDUSTRIAL AND COMMISSIONER SECTOR, ARE ALSO COMPOSTING AND RECYCLING.

I KNOW THIS IS OUTSIDE THE SERVICE OFFERED BY THE CITY SUFFERED CURBSIDE GOES BUT WE'VE SEEN IN CALIFORNIA AND OTHER PLACES THAT WHEN YOU DON'T JUST HAVE A WASTE BAND, WHICH IS WHAT WE HAVE IN MASSACHUSETTS, THEY WORK TO A POINT IF ENFORCED. IF YOU HAVE A REQUIREMENT THAT ALL LANDLORDS, WHETHER COMMERCIAL OR INSTITUTIONAL, THAT ALL BUSINESSES ARE REQUIRED TO COMPOST AND RECYCLE, THAT'S WHEN WE SEE THE REAL PAY-OFF. IT HAS TO BE SOMETHING THAT PEOPLE DO EVERYWHERE THEY'RE AT. SO I WOULD ENCOURAGE THE CITY AND I THINK THAT THE EXCELLENT TEAM THAT THE MAYOR'S OFFICE HAS ASSEMBLED, THE CONSULTANTS, ARE LOOKING AT THIS IN A BIG AND GLOBAL WAY AND WILL BE COMING FORWARD WITH A LOT OF GOOD TDEAS.

I ENCOURAGE YOU TO UNDERSTAND THAT UNLESS WE GO BIG, IT'S NOT GOING TO WORK.

IT HAS TO BE UNIVERSAL ACCESS. YOU HAVE TO MAKE SURE WHEREVER YOU GO, THERE'S A COMPOSTING VENDOR.

THAT'S WHEN THE EDUCATION PIECE WILL WORK AND WE HAVE TO GO BACK, HAVE ENOUGH PEOPLE WORKING ON THE SYSTEM.

CAN'T ENFORCE OR EDUCATE BODIES TO DO IT.

HAVE TO MAKE SURE THAT THE CITY HAS THE STAFF THAT THEY NEED TO DO AS WELL.

THOSE ARE THE BIG HIGH POINTS THAT I'D SAY GOING THROUGH. I THINK THAT THIS IS A REALLY SOLVABLE PROBLEM.

WE HAVE TO BE CRITICAL OF THE SOLUTIONS JUST LIKE THE PROBLEM AND COME THROUGH AND DO THIS RIGHT.

THANK YOU VERY MUCH.

>> THANK YOU.

THANK YOU ALL.

REALLY APPRECIATE IT.

IT'S INTERESTING -- I TOOK TO HEART EVERYTHING THAT WAS SAID.

I AGREE WITH MUCH OF IT IF NOT ALL OF IT.

SEEMS TO ME THE DIFFERENCE
BETWEEN THIS AND OUR FIRST
HEARING SIX YEARS AGO,
PREDATES -- YOU TWO WERE HERE,
BUT MANY OF MY COLLEAGUES IN THE
ADMINISTRATION WERE NOT.
WE WERE GETTING PUSH BACK FROM
THE PRIOR ADMINISTRATION ON
IMPLEMENTING THIS.

NOW WE'RE HEARING FROM EXPERTS SAYING WE WANT THIS.

SAYING WE WANT THIS.

NOW IT SEEMS TO ME WE'RE HEARING
A WILLINGNESS FROM THE
ADMINISTRATION TO ACHIEVE THIS.
A LOT OF WHAT I SHARE FROM
EXPERTS AND ADOPTERS SAYING WE
WANT TO MAKE SURE WE DO THIS

THE INFRASTRUCTURE IS KEY.
THE PRACTICE IS KEY ITS ONE OF
THE THINGS I FOUND DIFFICULT
WE'RE NOWHERE WHERE WE NEED TO
BE AS MUCH AS IT RELATES TO THE
GREEN INFRASTRUCTURE.
HAVING SAID THAT, I DON'T THINK
WE SHOULD DELAY PRACTICE OR
IMPLEMENTATION BUT SOMETHING
THAT SHOULD BE COMING HAND AND

I JUST BEGIN WITH THIS.
LAURA, YOU MENTIONED THAT
PROJECT OSCAR RIGHT NOW IS
NOT -- YOU WOULD NOT CONSIDER
THAT COMPOSTING, WHAT IS
HAPPENING.

>> NO.

HAND.

RIGHT.

>> AS IT GOES -- MIXED WITH -->> TWO WAYS TO COMPOSE ORGANIC WASTE.

WITH OXYGEN AND WITHOUT OXYGEN. COMPOSTING IS AN AEROBIC PROCESS.

WHEN ORGANICS GO INTO AN ANAEROBIC DIGESTER, IT'S AN ANAEROBIC PROCESS AND PRODUCES UNLIKE THE AEROBIC, IT PRODUCES METHANE WHICH CAN BE CAPTURED OR USED AS A FUEL.

WHEN IT'S NOT CAPTURED, IT'S A GREENHOUSE GAS AND CAUSES PROBLEMS.

SO TECHNICALLY IT'S NOT

COMPOSTING.

ON TOP OF THAT, IT'S THE PRODUCT, THE END PRODUCT IS SEWAGE SLUDGE, WHICH IS NOT COMPOST AND IT'S LOADED WITH TOXINS.

>> DO YOU WANT TO ADDRESS THAT?

SORRY.

>> I'D LIKE TO CLARIFY.

>> JUST COME TO THE MIC.

WE ALL WANT THE SAME THING.

IT'S NOT A CONTENTION MEETING.

IF YOU WANT TO ADDRESS THAT.

>> SO A CLARIFICATION ON THE ANAEROBIC DIGESTING.

THE PRODUCT IS NOT CONSIDERED COMPOST?

>> NO.

SEWAGE SLUDGE IS NOT COMPOST.

>> NOT MIXED WITH THE SLUDGE.

>> A SLURRY FROM AN ANAEROBIC DIGESTER I WOULDN'T CONSIDER COMPOST.

A SLURRY FROM AN ANAEROBIC DIGESTER THAT HAS SOURCE SEPARATED THE MATERIAL SO IT'S JUST FOOD WASTE IS A USEFUL FERTILIZER.

>> SO CLARIFICATION ON THAT.
THE CORE FACILITY IN CHARLESTOWN
IS A SLURRIED FACILITY.
THEY TAKE IT, THE FACT THAT
THEY'RE TAKING IT TO A WASTE
WATER TREATMENT FACILITY MAKES
IT -- MIXED WITH SEWAGE.

>> THAT'S RIGHT.

>> BUT YOU KNOW, IT COULD GO ELSEWHERE.

DOESN'T HAVE TO.

OTHER CONTRACTED RIGHT NOW WITH WATER TREATMENT FACILITY.

BUT THEIR FACILITY IS JUST A

SLURRY FACILITY FOR FOOD WASTE. >> WASTE MANAGEMENT, IN MY

UNDERSTANDING, WASTE MANAGEMENT

INC., IN HOUSTON, TEXAS, A MULTIBILLION DOLLAR INDUSTRY IS

TAKING THAT SURRY, THE FOOD

WASTE FROM CAMBRIDGE, FOR INSTANCE AND PROJECT OSCAR,

GRINDING IT UP.

ADDING WATER TO IT, PUTTING IT IN TRUCKS AND BRINGING IT TO THE

GREATER LAWRENCE SANITARY DISTRICT.

THAT IS THE PROCESS THAT WASTE MANAGEMENT IS PURSUING.
THEY DON'T HAVE -- THEY DON'T

HAVE DEDICATED ANAEROBIC DIGESTERS.

I'M NOT SAYING THAT CAN'T HAPPEN.

IT'S A CHOICE.

THAT COULD BE A FINE CHOICE FOR THE CITY OF BOSTON.

THE KEY HERE IS SEPARATION.
KEEPING THE FOOD SCRAPS AND FOOD
WASTE SEPARATE FROM SLUDGE AND
OTHER TOXINS.

>> I'M SORRY.

SOMEONE SAID THEY WANT TO CLARIFY.

I DON'T KNOW IF IT WAS YOU, LAURA.

>> SOMEBODY TAKE CARE OF IT.
I WANTED TO CLARIFY ANAEROBIC
DIGESTION IN ITSELF IS NOT BAD.
IT'S MIXING IT WITH SLUDGE.
SO PURSUING AN ANAEROBIC
DIGESTER THAT IS SMALL COMMUNITY
SCALE AS A DECENTRALIZED SYSTEM
SO WE CAN BE COMPOSTING CLOSER
TO WHERE WE PRODUCE THE WASTE.
THESE ARE VERY SMALL SYSTEMS
THAT ARE SOURCE SEPARATED AND
ONLY TREATING ORGANIC FOOD WASTE
AND GRASS AND LEAVES, IF YOU
WANT TO.

>> CAN YOU COMBINE GRASS AND YARD WASTE WITH FOOD WASTE? >> YES.

>> ABSOLUTELY.

>> YOU JUST DON'T WANT TOXIC STUFF IN THERE.

>> SO RIGHT NOW -- MAYBE WE'LL AGREE TO DISAGREE ON DIFFERENT INTERPRETATIONS OF THINGS. WE'RE ALL ON THE SAME PAGE ON THIS STUFF AND WANT THE SAME THINGS.

RIGHT NOW THE PANEL WOULD AGREE THAT THE YARD WASTE PICKUP, WHICH IS CONTRACTED OUT TO -- FOR GET THE NAME OF THIS COMPANY -- IS CONSIDERED WHAT -- SORT OF PURE COMPOSTING.

>> NO.

IT'S NOT -- WELL, THEY'RE COMPOSTINGS.

ONLY WITH YARD WASTE, WHICH IS GREAT.

>> AND YOU WOULD BE COMFORTABLE USING CITY SOILS PRODUCTS IN YOUR PLAYGROUND --

>> YES.

>> I'M NOT AN ENGINEER OR SCIENTIST.

AS WE TALKED ABOUT WAYS TO GROW THIS AND PILOT IT, INCLUDE THE CITY SOIL-TYPE BUSINESSES OR I ASSUME THE YARD WASTE AND FOOD COMBINED PICKUPS?

>> LET ME GIVE YOU AN EXAMPLE IN REAL TIME.

I TOLD YOU WE'RE EXPORTING THIS MATERIAL.

ONE OF THE TWO PLACES WE GO TO IS THE NEEDHAM TRANSFER STATION. THEY OPERATE A YARD WASTE COLLECTION, COMMERCIAL SIZE COMPOSTING FACILITY LIKE CITY SOIL.

THEY ONLY ACCEPT FOOD WASTES FROM CO-OPS BECAUSE WE GO TO GREAT MEASURES TO MAKE SURE THE STUFF THAT WE COLLECT IS UNCONTAMINATED.

WE WORK WITH BUSINESSES.
WE DO TRAINING AND MAKE SURE
THAT THE SOURCE SEPARATION -THE EASIEST WAY TO KEEP CLEAN
COMPOST.

WE DELIVER 35 OR 40 TONS A WEEK TO THE NEEDHAM TRANSFER STATION. THE SUPERINTENDENT THAT RUNS THAT GIVES TOURS.

HE TALKS ABOUT ADDING THE ORGANIC FOOD WASTE BEING THE SECRET SAUCE.

WHEN YOU BRING IN FOOD WASTE AND COMBINE IT WITH THE LEAST, YOU'RE ADDING NUTRITION, MOISTURE, INGREDIENTS THAT HELP BREAK DOWN THAT YARD WASTE MORE EFFECTIVELY AND COMPLETELY AND WITH THE RESULTING COMPOST PRODUCT THAT IS MUCH HEALTHIER. >> LIKE PUTTING EGGSHELLS IN A ROSE GARDEN.

>> YOU CAN PUT MEAT IN IT.
IT'S GOTTEN SO SOPHISTICATED

NOW.

THESE PILES ARE SO HOT.
PEOPLE ARE WORRIED ABOUT PESTS
AND ALL THESE KINDS OF
COMPLAINTS.

COMPOSTING DOESN'T HAPPEN ON THESE COMMERCIAL SCALE FACILITIES BECAUSE THEY GENERATE -- THE ORGANICS FROM FOOD WASTE IN PARTICULAR HELPS THOSE PILES GET TO A HIGH HEAT THAT HELPS THEM BREAK DOWN QUICKLY AND MAKES THE PROCESS OPERATE SMOOTHLY.

IN FACT, WHEN WE STARTED COLLECTING FOOD WASTE, WE PAID \$50 A TON TIPPING FEES.

WE'RE PAYING BETWEEN 0 IN SOME CASES, \$15 A TON IN SOME CASES AND THE HIGHEST IS \$35 A TON FOR PEOPLE TO TAKE OUR FOOD WASTE BECAUSE THEY WANT THAT MATERIAL.

- >> SO THE HIGHEST YOU'RE PAYING
- IS \$35 PER TON TIPPING FEE?
- >> CORRECT.
- >> WE JUST HEARD THE TIPPING FEE FOR REGULAR WASTE IS DOUBLE THAT.
- >> YES.
- >> THAT SEEMS ON THE LOWER END
- IT COULD GET AS HIGH AS 80.
- >> YES.
- >> REMARKABLE.
- >> I WANT TO SECOND THAT MOTION.
 WE WORK WITH A PLACE IN SAUGUS.
 A COMMERCIAL FACILITY THAT
 ACCEPTS MATERIAL FROM
 LANDSCAPERS, ET CETERA.

WE WORKED WITH THEM FOR SEVEN YEARS.

THEY GIVE US A SWEETHEART DEAL OF \$25 A TON FOR THE SAME REASON THAT SHE HAS A GOOD RELATIONSHIP WITH THE NEEDHAM TRANSFER STATION.

IT'S BECAUSE THE MATERIAL WE'RE BRINGING THEM IS FREE OF CONTAMINATION.

WE GO THROUGH OUR MATERIAL AND PULL OUT ANYTHING UNACCEPTABLE. THEY LOVE OUR STUFF.

OUR STUFF, WHICH IS ABOUT A TON A DAY IS GOING TO HELP THEM GENERATE A RICHER MORE POTENT, BETTER SOIL.

>> SO JUST WALK ME THROUGH THIS. THIS IS HELPFUL AND AMAZING HOW YOUR BUSINESS HAS GROWN, ANDY. YOU HAVE 2,500 CUSTOMERS, 200 COMMERCIAL, MOSTLY OFFICES. HOW BIG IS YOUR TEAM?
>> WE'RE A STAFF OF 18 RIGHT NOW.

>> WOW.

WHAT WERE YOU WHEN YOU FIRST CAME HERE?

DO YOU KNOW?

PROBABLY TWO OR THREE.

>> PROBABLY THREE PEOPLE.

>> REMARKABLE.

I KNOW YOU HAVE A SIGNIFICANT FOLLOWING IN JAMAICA PLAINS. WHAT OTHER --

>> WE'RE THINKING OF GREATER BOSTON.

SOMERVILLE IS HUGE.

CAMBRIDGE WAS UNTIL THEY STARTED THEIR PROGRAM.

BACK BAY, SOUTH END.

>> ANOTHER BIG THING YOU HAD, YOU PICK UP A LOT OF YOUR TEAM MEMBERS.

THEY RIDE THEIR BIKES ->> THAT'S HOW WE STARTED, USING
BIKES AND TRAILERS AND THE
DEMAND NECESSITATED US TO USE
VEHICLES.

>> THEN YOU GO THROUGH THE STUFF BEFORE YOU SEND IT --

>> YES, WE DO.

>> WHAT HAPPENS -- I'M ASKING
THIS NOT FOR PROPRIETARY SECRETS
BUT THINKING THREE STEPS AHEAD
WHEN WE BEGIN PILOTING THIS.
IF YOU HAVE A CUSTOMER THAT
THROWS THE WRONG THINGS IN,
WOULD YOU SAY HEY, THIS IS A
REMINDER.

>> I DO SPOT CHECKS WHEN I DO PICKUPS.

SEE IF THERE'S ANYTHING FUNKY IN THERE.

95% OF THE TIME THERE'S NOT. WHICH IS SORT OF AN INTERESTING POINT.

CONTAMINATION IS LOW WHEN YOU PAY FOR IT.

PEOPLE WANT TO DO THIS.

THAT TO ME IS A WHOLE OTHER LARGER QUESTION.
SHOULD WE DO CITYWIDE COMPOSTING?

IF YOU DON'T KNOW IF SOMEBODY WANTS IT.

LIKE MY DAD GOT ME TENNIS LESSONS WHEN I WAS A KID.

I DIDN'T WANT TENNIS LESSONS. MAKE SURE THAT THE PEOPLE THAT YOU'RE PROVIDING THE

INFRASTRUCTURE FOR WANT THE INFRASTRUCTURE.

THEY'RE GOING TO USE IT.

SO I DON'T KNOW IF YOU DO

SURVEYS AND FIND OUT THERE'S TEN PEOPLE THAT WANT IT.

GIVE IT TO THE TEN PEOPLE.

WHY SHOULD ALL 30 PEOPLE GET IT

IF THEY DON'T WANT IT?

IT'S A WASTE OF MONEY.

THE INFRASTRUCTURE IS \$14 MILLION.

I USE -- GIVE ME \$1,400.

CUT ME A CHECK FOR \$1,400 TODAY.

I'LL GO TO MAKE FLYERS AND GET PEOPLE EDUCATED ABOUT FOOD WASTE AND HOW TO COMPOST PROPERLY.

\$14 MILLION.

GO FOR IT.

I'M ALL FOR IT.

THIS IS A GREAT DIRECTION, BUT IT SEEMS LIKE THERE'S A BETTER WAY TO ALLOCATE OUR FUNDS HERE.

>> YOU WANT TO SAY SOMETHING?
>> COUPLE THINGS.

THE CITY IS GOING TO BE PAYING FOR THE RESIDENTIAL PROGRAM ABOUT \$50 MILLION A YEAR.

THE \$14 MILLION SOUNDS LIKE A LOT.

IF YOU SAVE A THIRD OF YOUR TIPPING FEES, IT COULD BE SIGNIFICANT.

I AGREE THAT PEOPLE SHOULD BE PAYING FOR A SYSTEM ALWAYS WHERE YOU WANT PEOPLE ALWAYS TO BE UNDERSTANDING THAT THEY'RE PAYING FOR IT AND NOTICES SOMETHING FREE THAT SHOWS UP BECAUSE OF THE TENNIS LESSONS LIKE ANDY SAID.

IT'S TRUE.

BUT BRING UP THE SEAT BELT

EXAMPLE.

NOBODY WANTS TO WEAR SEAT BELTS. IF THEY KNOW THEY'LL GET A TICKET, THEY'LL WEAR IT. WE'VE SEEN THAT.

SO YOU NEED INCENTIVES AND YOU NEED TO CARRY A CARROT AND THE

IT'S IMPORTANT TO UNDERSTAND THAT THIS IS HAPPENING ACROSS THE COUNTRY.

THE NATIONAL FOOD WASTE CONFERENCE IS TOMORROW AT HARVARD LAW.

AS WAS REFERENCED, WE NEED TO REDUCE OUR FOOD WASTE AND IF THE PROGRAMS ARE SET UP SO THAT YOU ARE REWARDED, IF YOU HAVE LESS TRASH, LOST COMPOST AND LESS RECYCLING, THAT SAVES EVERYBODY MONEY.

SO MAKE SURE YOU PUT IN A REALLY GOOD PAY AS YOU GO PROGRAM THAT REDUCES ALL OF THIS.

IT'S BETTER TO PAY ZERO THAN PAY HALF THE TIPPING FEE WE HAVE NOW.

IT'S IMPORTANT THAT THE CITY IS DOING THE FULL ZERO WASTE PROJECT PLANNING BECAUSE YOU CAN'T DO ONE LITTLE PROGRAM AND HAVE IT ALL BE IN A VACUUM. THE EDUCATION AND THE INCENTIVES AND UNDERSTANDING CONTAMINATION HAS TO WORK THROUGHOUT THE SYSTEM.

THE OTHER THING IS, I WANT YOU TO KNOW WHAT IS HAPPENING THROUGHOUT THE STATE OF MASSACHUSETTS, WHICH IS SINCE THE COMMERCIAL FOOD WASTE BAN WAS PUT IN PLACE, THE STATE OF MASSACHUSETTS HAS DECREASED THE AMOUNT OF FOOD WASTE GOING INTO ITS LANDFILLS BY ABOUT 150,000 TONS A YEAR.

SO THAT'S A PROGRAM THAT HAS NOT BEEN IN FORCE THAT MUCH.
THERE'S BEEN A FEW PEOPLE GOING OUT TO THE LARGE FOOD WASTE PRODUCERS, THE COLLEGES, THE BIG BUSINESSES, THE RESTAURANTS, LARGE SCHOOL.

FOR INSTANCE, B.C. HAS SAVED

TONS OF MONEY BY REDUCING FOOD WASTE.

BECAUSE PEOPLE TAKING TOO MUCH ON A TRAY AND IT GETTING THROWN OUT.

FIRST OFF, WE NEED TO REDUCE.
THEN YOU NEED TO FEED PEOPLE.
THAT'S REALLY IMPORTANT.
THEN WE NEED TO FEED ANIMALS.
THEN WE NEED TO COMPOST AND THEN
WE NEED TO PROTEST IN AN
ANAEROBIC DIGESTER AND COMPANY
THE TEAM AFTERWARDS SO LONG AS
YOU'RE NOT MIXING WITH IT SEWAGE
SLUDGE.

PAY A PAY AS YOUR GO PROGRAM IN PLACE SO PEOPLE REDUCE AS LITTLE TRASH AS POSSIBLE, WHETHER IT'S FOOD WASTE OR RECYCLING AND THEN I'D SAY MAKE SURE YOU PUT THAT AS EDUCATION IN PLACE, PUT STAFF IN PLACE.

ALSO UNIVERSAL ACCESS TO RECYCLING AND COMPOSTING AND A UNIVERSAL REQUIREMENT THAT ALL BUSINESSES AND COMMERCIAL ENTERPRISES RECYCLE AND COMPOST. >> CAN YOU BREAK DOWN THE STAGES?

>> PAY AS YOU THROW CAN BE DONE A NUMBER OF DIFFERENT WAYS.
ONE WAY OF DOING IT IS GIVING PEOPLE SMALL TRASH BINS.
GIVING THEM A LARGE RECYCLING BIN, A LARGE COMPOSTING BIN AND THE TRASH BIN BEING HALF THE SIZE.

ONE WAY OF DOING IT IS SAY YOU WANT TO THROW THIS TRASH OUT, IT HAS TO GO IN THIS BAG.
THAT WORKS IN A LOT OF COMMUNITIES.

THE CITY OF WORCESTER, FOR INSTANCE, HAS SAVED \$20 MILLION THE LAST TEN YEARS DOING THAT. ANOTHER WAY TO DO IT, PASS OUT BAGS AND SAY THESE ARE HOW MANY BAGS OF TRASH THAT YOU GET TO THROW AWAY FOR FREE.

ANYTHING MORE, YOU NEED TO PAY FOR IT.

LOTS OF DIFFERENT WAYS OF DOING IT.

THE POINT IS THE INCENTIVIZE

TRASH REDUCTION.

WHEN YOU INCENTIVIZE IT AND KEEP PUSHING THE ENVELOPE, YOU'LL SEE YOU'RE REDUCING THE WASTE ACROSS THE BOARD BY 20 TO 50% WITHIN A YEAR OR TWO.

IT'S AMAZING.

IT WORKS.

THAT'S THE BEST WAY FOR THE CITY OF BOSTON TO SAVE MONEY. SO COMPOSTING IS A TREMENDOUS COST SAVER AND TREMENDOUS JOB CREATOR.

5 TO 20 TIMES MORE JOBS THAN

INCENTERATING.

THERE'S GREAT EXAMPLES OF BUILDING BUSINESSES.

THAT'S ONLY GOING TO WORK UNLESS YOU GET THE FOOD WASTE OUT OF THE SAME.

YOU HAVE TO MAKE SURE YOU'RE REDUCING.

THE CITY OF BOSTON SHOULD BE PAYING \$50 MILLION A YEAR FOR THE FOOD WASTE.

IT'S NOT EVEN TOUCHING THE COMMERCIAL SECTOR.

IT'S A TREMENDOUS WASTE.

>> I APPRECIATE THAT.

I JUST WANT TO STAY FOCUSED ON THE CURBSIDE COMPOSTING HERE. MY LAST QUESTION WOULD BE, AND ANY ONE CAN JUMP IN HERE, YOU'RE EXPERTS, BUT ASIDE FROM THE ANAEROBIC DIGESTION AND SORT OF THE CAMBRIDGE SYSTEM NOW THAT WE GOT INTO, JUST OPERATIONALLY AND PRACTICELY, WHAT DID CAMBRIDGE DO WELL WHEN THEY WRAPPED UP THEIR SYSTEM AND WHAT SHOULD THEY HAVE DONE DIFFERENTLY? I'M TALKING ABOUT IDENTIFYING AN AREA, NORTH CAMBRIDGE AND DO TO EXPAND IT.

WHAT WORKS AND WHAT DIDN'T, IF ANYBODY WANTS TO TOUCH ON THAT. >> I DON'T WANT TO DISS THEM. IT'S GREAT THEY'RE TRYING TO FIGURE THIS OUT.

I TALKED TO MICHAEL AND SOME OF THE PEOPLE OVER THERE.

FIRST OF ALL, IT WASN'T

TRANSPARENT.

THEY DIDN'T LET PEOPLE KNOW WHAT

THEY WERE DOING WITH IT.

WHEN I TALKED TO MICHAEL, IF I COULD COMPOST IT, TELL ME A

PLACE TO TAKE IT.

YOU KNOW, THEY HAVE NOT FOUND A PLACE THAT THEY COULD TAKE THE VOLUME THAT THEY WERE GOING TO COLLECT.

>> SORRY TO CUT YOU OFF.

MORE SPECIFICALLY, JUST

OPERATIONAL.

WHEN THEY FIRST CHOSE A LOCATION, HOW DID THEY ALERT RESIDENTS THAT IT WAS GOING TO HAPPEN?

HOW DID THEY PICK IT UP?
TO ANDY'S POINT, THE TENNIS
LESSON IS NOT LOST ON ME BUT NOR
IS THE SEAT BELT POINT LOST.

T --

>> MY UNDERSTANDING IS THEY CHOSE A NEIGHBORHOOD THAT THEY HAD INDICATIONS THAT WOULD BE EARLY ADOPTERS AND THEY HAD A VOLUNTARY PROGRAM.

MIGHT NOT HAVE BEEN EVERY HOUSE IN THE NEIGHBORHOOD THAT PARTICIPATED INITIALLY.

IT GREW AS INTEREST GREW IN IT.

I THINK THEY MUST HAVE -- I DON'T KNOW HOW THEY COLLECTED THEIR DATA TO KNOW IT WAS TIME

TO GO CITYWIDE.

BUT SEEMS TO BE VERY POPULAR UNTIL PEOPLE FOUND OUT THAT IT WAS BEING MIXED WITH SEWAGE.

I KNOW PEOPLE THAT LIVE IN CAMBRIDGE THAT HAVE STOPPED PARTICIPATING AND DONE BACK TO TURNING COMPOST IN THEIR BACK

YARDS BECAUSE THEY'RE

DISAPPOINTED ABOUT THAT.

>> INTERESTING.

THANK YOU.

WE'VE BEEN JOINED BY A ANNISSA ESSAIBI-GEORGE.

COUNCILLOR?

>> THANK YOU.

I FOUND YOUR TESTIMONY BEING INFORMATIVE.

I WANT TO MAKE SURE THAT I UNDERSTAND THE ROAD BLOCKS THAT

YOU'RE POINTING OUT AND ALSO MAYBE IT'S BECAUSE I DON'T WORK IN THIS INDUSTRY.

I WANTED TO TALK ABOUT YARD WASTE AND ORGANIC FOOD WASTE. WHEN I THINK OF YARD WASTE, I THINK OF YARDS, CHEMICALS TO PRUNE, ALL THE THINGS THAT YOU USE RIGHT NOW ON OUR YARDS TO MAKE SURE TO LOOK THE BEST THEY WILL.

MANY ARE TAXIC.

MANY OF THEM ARE NOT ORGANIC. PEOPLE DON'T CARE.

THEY GO TO HOME DEPOT, GRAB WHAT THEY GRAB AND SPRAY IT AND DO WHATEVER.

SO IS THERE A CONCERN ABOUT THE MIXTURE OF FOOD WASTE WITH THOSE THINGS AS WELL?

I UNDERSTAND MISSING WITH THE RAW SEWAGE.

AND YOU WROTE DOWN THE TOXINS WITH THAT.

>> I CAN SPEAK TO THAT.

SURE, THERE'S A CONCERN BUT
I'M -- IT'S SIMILAR TO THE
CONCERN THAT I HAVE OF THE AIR
THAT I BREEZE WHEN I WALK OUT ON
TO CITY HALL PLAZA.

YOU KNOW, IT'S A LOT DIFFERENT THAN AIR THAT I BREATHE ON CITY HALL PLAZA THAT HAS PARTICULATE MATTER THAT IS NOT GOOD FOR ME BECAUSE OF THE INCINERATORS THAT ARE BURNING IS A LOT DIFFERENT THAN IF I WALK INTO AN INDUSTRIAL FACILITY WHERE IT'S JUST LOADED WITH TOXINS.
IT'S A MATTER OF DEGREE.

WE PICK UP YARD WASTE.

THERE MAY BE PESTICIDES, MAY BE THINGS IN IT.

THIS ARE IN SOME CASES, BUT ONE CANNOT COMPARE IT TO THE TENS OF THOUSANDS OF POUNDS AND I'LL BE HAPPY TO GET YOU THE FIGURES, GOING INTO THE SEWER.

>> I FELT LIKE THE TESTIMONY
ALMOST LED ME TO BELIEVE THERE'S
A PURITY ABOUT YARD WASTE THAT
ISN'T THERE.

BUT YES, IS IT MORE CLEAN THAN MIXING WITH SEWAGE THAN

ABSOLUTELY WHAT I'M UNDERSTANDING.

>> THE COMPOST, WE HAVE TO THINK ABOUT WHAT IS COMPOST.

IT'S HUNDREDS OF THOUSANDS OF YEARS.

IT'S A CRITICAL COMPONENT OF OUR FOOD-GROWING SYSTEM AS A SOIL AMENDMENT AND PROVIDER OF

NUTRIENTS.

ONE THING THAT IS NOT THOUGHT OF IS WHERE THIS STUFF GOES.

SO CONNECTING PEOPLE AND
CONNECTING US AS EATERS TO THIS
GREAT CYCLE AND MAKING A PRODUCT

AS GOOD AS WE CAN MAKE IT, IT'S NOT PERFECT.

BUT MAKING IT AS GOOD AS WE CAN MAKE IT.

I COMPOST AS MUCH AS I CAN IN THE BACK YARD.

IF IT ENDS UP IN THE COMPOST, I SAY, OKAY, I'M DOING THE BEST THAT I CAN DO.

BUT I'M NOT DOING, THROWING MY PHARMACEUTICALS INTO IT.

I'M DOING THE BEST THAT I CAN DO.

THE CITY CAN DO THAT ON ITS SCALE.

>> YOU HAVE ALL OF THESE CHEMICALS THAT COME INTO OUR FOOD AND A WHOLE DEBATE ABOUT THAT.

IT'S GOOD TO CLARIFY.

VARYING DEGREES THAT WE'RE
TALKING ABOUT, NOT NECESSARILY A
PURE ORGANIC OPTION VERSUS
POISON.

>> SURE.

>> OKAY.

AND THEN ALSO, WHEN IT COMES
TO -- THE BIGGEST ROAD BLOCK I'M
HEARING, WHILE WE TAKE IT IN AS
FOOD, THERE SEEMS TO BE NO
MASSIVE INFRASTRUCTURE OR PLACE
TO REDIRECT IT BACK.
WE DON'T HAVE A RESPONSE TO THE
WASTE MIXING -- A BIG PLANT.
>> I'D PUSH BACK ON THAT.

THE STATE -- HAVING SEEN THIS -- HAVING SEEN THIS COMMERCIAL FOOD WASTE SUCCEED LIKE THIS,

INVESTMENT IS HAPPENING NOW IN ANAEROBIC DIGESTERS THAT DON'T MIX IT.

ACCORDING TO CEP, ANOTHER 570,000 TONS OF CAPACITY IS IN THE WORKS.

>> WHERE?

>> RIGHT NOW THE CAMBRIDGE AND OSCAR STUFF IS GOING TO LAWRENCE.

SO I THINK WE CAN DO BETTER THAN THAT.

I THINK THAT WE HAVE TO -- PART OF GETTING THE INVESTMENT DONE AND MAKING IT HAPPEN IS THE COMMITMENT TO THE PROGRAM.

I'M NOT GOING TO BUILD A COMPOSTING FACILITY UNLESS I KNOW THAT THE CITY OF BOSTON OR CAMBRIDGE IS GOING TO SEND IT THERE.

I'VE -- ONE OF MY COLLEAGUES HAS BEEN DOING RESEARCH TALKING TO THE COMPOSTING COMPANIES IN BOSTON, AND THEY'RE NOT DOWNTOWN OBVIOUSLY BUT THEY'RE NEARBY. MANY HAVE TOLD US THAT THEY DO HAVE ENOUGH CAPACITY TO HELP WITH CAMBRIDGE.

A COUPLE OF THEM TOGETHER COULD TAKE ALL OF CAMBRIDGE'S FOOD WEST.

>> THIS IS COMPOST, NOT THE MIXING.

>> YES.

ANAEROBIC DIGESTION I DON'T HAVE A PROBLEM WITH IT SO LONG AS THEY'RE NOT A TOXIC SUBSTANCE LIKE SEWAGE SLUDGE ADDED TO IT. YOU MAY HAVE TO COMPOST IT FOR A COUPLE WEEKS BUT IT'S A GOOD FIRST STEP, A GREAT WAY TO DEAL WITH LARGE VOLUMES OF FOOD WASTE.

SO THE FOOD WASTE CAPACITY IS IN THE WORKS AND ALSO THE CAPACITY TO HANDLE CAMBRIDGE'S FOOT WASTE AS IT STANDS NOW WITH THIS NEW PROGRAM.

SUPPOSEDLY EXISTS.

I CAN'T PROVE THAT BUT PEOPLE TELL ME THEY HAVE THE CAPACITY TO HANDLE IT.

SO WE NEED TO MAKE SURE THAT WE

ENCOURAGE THAT BY HAVING HIGH STANDARDS SO THAT WE'RE CREATING A PRODUCT THAT COULD BE ADDED TO THE SOIL, WHETHER IT'S PROCESSED IN A.D. FIRST OR COMPOSTED OR JUST COMPOSTED.

AND WE HAVE TO HELP ENCOURAGE THAT BY SETTING GOOD REGULATIONS.

>> TWO POINTS.

I WANTED TO AT LEAST ACKNOWLEDGE SOME OF THE WORK THE CITY HAS DONE WITH REGARDS TO SCHOOL LUNCH.

I'VE BEEN PRIVY TO SIT DOWN AND SEE WHERE THEY HAVE PUSHED FOR ORGANIC MADE IN THE SCHOOL, NOT JUST FIT FOR HUMAN CONSUMPTION BUT MADE LOCALLY AND USING LOCALLY GROUND FRUITS AND VEGETABLES THAT ARE CULTURALLY SENSITIVE AND KIDS CAN PICK A VEGETARIAN OPTION IF THEY WANT. MAYBE THEY CAN'T EAT PORK. THEY CAN PICK IT.

THE FOOD IS GOOD.

SO TO BPS' CREDIT, THEY DID THAT AND THE KIDS ARE EATING MORE AND EXPANDING THE PROGRAM TO 30 OTHER SCHOOLS.

THERE'S A MOVEMENT THERE.

I'D LOVE TO SEE HOW THAT CAN BE MOVED WITH THIS SYSTEM, BE PART OF A GREATER ECOSYSTEM FOR ENVIRONMENTAL JUSTICE AS WELL. AND THEN I THINK -- I CAN'T REMEMBER WHO BROUGHT UP COLLEGES AND UNIVERSITIES.

ANOTHER PLUG I'D LIKE TO MAKE. SO MYSELF AND COUNCILLOR ESSAIBI-GEORGE WERE DOING A HEARING ON PILOT PAYMENT. ONE OF THAT IS COMMUNITY BENEFIT EMPLOYMENTS.

I'D LOVE TO THINK ABOUT HOW COLLEGES AND UNIVERSITIES AND HOW THEY GET RID OF FOOD WASTE. SO HOPEFULLY YOU'LL COME AND TESTIFY THERE, GIVE US SOME EXAMPLES OF WHERE COLLEGES AND UNIVERSITIES AND HOSPITALS CAN STEP UP TO ALSO HELP THIS INFRASTRUCTURE AS WELL. THANK YOU.

>> CAN I ADD SOMETHING?

>> YEP.

>> SAN FRANCISCO PROCESSES, FROM MY UNDERSTANDING 600 TONS A DAY OF YARD AND FOOD SCRAPS.

THERE'S A LOT OF PUSH -- PEOPLE TRYING TO GET IN ON THAT REVENUE STREAM.

CERTAINLY WE'VE BEEN PUSHED TO HAVE THAT MOVE TO ANAEROBIC DIGESTERS IN THE CITY OF SAN FRANCISCO.

ONE OF THE THINGS THAT WE'RE MISSING HERE IS A FARMER ON THE PANEL.

PEOPLE THAT WILL REALLY WANT TO USE THIS STUFF.

TO TELL US WHAT THEY WANT.
IF SAN FRANCISCO, ONE OF THE
REASONS THAT THE FOOD SCRAPS
HAVEN'T GONE TO THE SEWAGE
TREATMENT PLANT IS BECAUSE THE
FARMERS ON THE OTHER END IN A
LOT OF VINEYARDS WANT THIS
STUFF.

THEY'RE PAYING FOR IT AND THEY WANT IT AND WANT IT AS CLEAN AS POSSIBLE.

SO YOU KNOW, I ENCOURAGE US ALL TO KEEP FILLING IN THE CIRCLE AND BRING IN THE FARMERS THAT WILL USE THE COMPOST AND GET A BETTER UNDERSTANDING WHAT IT IS THEY'RE AFTER.

THANK YOU.

>> COUNCILLOR ANNISSA ESSAIBI-GEORGE.

>> THANK YOU FOR BEING HERE.
DO ANY SCHOOLS PARTICIPATE IN
COMPOSTING NOW IN THE
AREA?

>> YES.

>> PLEASE TELL US --

>> WE WORK WITH SHADY HILLS IN CAMBRIDGE.

WE HAVE A CONTRACT WITH NORTHEASTERN UNIVERSITY, WHICH WE WOULD LIKE TO EXPAND.
BECAUSE THE COMPANY CALLED SAVE THAT STUFF WAS EARLY IN THE COMPOSTING, THEY GOT A LOT OF THOSE CONTRACTS AS FAR AS I KNOW THEY'RE STILL GETTING THE CONTRACTS WITH HOWARD.

THEY SEPARATE ORGANICS.
HOW THEY'RE HAVING THE ORGANICS
PROCESSED WE'RE NOT SURE ABOUT.
BUT ALL THE COMPANIES THAT WERE
WITH SAVE THAT STUFF, WHEN SAVE
THAT STUFF STARTED, THEY WERE
COMPOSTING.

THEY PARTNERED WITH WASTE MANAGEMENT AND THIS CHARLESTOWN PLANT.

- SO NOW ORDINARY STUFF IS GOING TO THE WASTE WATER TREATMENT PLAN.
- >> AND NO BOSTON PUBLIC SCHOOLS.
- >> BOSTON GREEN ACADEMY.
- >> [QUESTION INAUDIBLE]
- >> JUST TO REPEAT, BUT THANK YOU, SUSAN.
- SEVERAL SCHOOLS ARE LOOKING AT IT AND THEY PUT OUT A BID FOR EXPANDING THOSE SERVICES.
- >> THANK YOU.
- >> ANDY, WHEN YOU SAID THAT YOU SPOT CHECK WHEN YOU PICK UP, ARE YOU FINDING THAT IT SOUNDS LIKE YOU'RE SUCCESSFUL AND PEOPLE PUTTING THE APPROPRIATE WASTE INTO YOUR BINS, ARE YOU FINDING THAT PEOPLE AREN'T PUTTING ENOUGH?
- THEY'RE MISSING SOME OF WHAT THEY COULD BE PUTTING IN BECAUSE OF UNCERTAINTY AND WHAT IS APPROPRIATE?
- >> IT'S AN INTERESTING POINT. WE NOT INFREQUENTLY GET CALLS FROM CUSTOMERS THAT SAY DON'T BOTHER COMING THIS WEEK. WE DON'T HAVE ENOUGH.
- THE IDEA IS NOT TO WIN AT HOW MUCH MATERIAL YOU HAVE.
- THE IDEA IS TO DIVERT WHAT YOU HAVE COLLECTED AND GET IT OUT OF YOUR HOUSE AS SOON AS POSSIBLE.
- I DON'T KNOW IF THAT ANSWERS YOUR OUESTION.
- WHAT WE SEE IS PRIMARILY PREP MATERIAL.
- YOU KNOW, JUST PEOPLE COOKING.
 JUST, YOU KNOW, FOOD SCRAPS.
 ODDS AND ENDS FROM COOKING
 DINNER.
- >> I WONDER IF PEOPLE AREN'T PUTTING EVERYTHING THAT THEY

COULD BE.

PEOPLE AREN'T.

BUT TO WHAT DEGREE, I CURIOUS IF THERE'S BEEN -- I TALKED ABOUT HAVING A WASTE AUDIT AND TALK ABOUT IMPROPERLY DISCARDED NEEDLES.

ARE THOSE PUT IN HOUSEHOLDS THAT USE COMPOSTING TO SEE IF THEY'RE TAKING ADVANTAGE OF THE COMPOSTING OPPORTUNITY.

THAT'S IT.

HOW MANY HOUSEHOLDS -- I'M SURE THIS WAS ANSWERED BEFORE I ARRIVED.

HOW MANY HOUSEHOLDS ARE IN THE COMPOSTING PROGRAM IN BOSTON OR AT LEAST USE YOURS?

>> WE HAVE 2,200 RESIDENTIAL ACCOUNTS.

>> IN BOSTON?

>> YES.

THAT INCLUDES ALL OF GREATER BOSTON.

>> OKAY.

>> I WISH I KNEW OFF THE TOP OF MY HEAD ABOUT BOSTON SPECIFICALLY.

>> IT WOULD BE INTERESTING TO KNOW WHAT THE APPETITE -- AT LEAST THE INITIAL APPETITE WAS IN THE CITY OF BOSTON SO WE COULD ROLL THIS OUT MORE

VIGOROUSLY.

TALKED ABOUT HAVING A LARGE RECYCLE BIN, A LARGE COMPOST BIN, A SMALL TRASH BIN.
WE DON'T RIGHT NOW IN THE CITY OF BOSTON REQUIRE RECYCLING.
WE GIVE EVER A BIN AND HOPE THEY PARTICIPATE.

THERE'S NO REQUIREMENT.

I DON'T KNOW IF YOU COULD TALK ABOUT THE REQUIREMENT OF COMPOSTING.

>> WHAT WE'VE SEEN ACROSS THE BOARD, LOOKING AT CASE STUDIES THROUGHOUT EUROPE AND THE UNITED STATES, THERE HAS TO BE A REQUIREMENT AND A PROHIBITION FROM PUTTING FOOD AND RECYCLABLES IN THE TRASH. WE HAVE THAT TO A CERTAIN EXTENT

AT THE ACTUAL LANDFILLS AND INCINERATORS AND TRANSFER STATIONS.

BUT IF YOU ASK A BUSINESS OWNER BOSTON IF THEY'RE REQUIRED TO RECYCLE, THEY DON'T REALIZE THEY'RE NOT ALLOWED TO PUT THEIR CANS IN THE TRASH, RIGHT? DOESN'T SEEMED LIKE IT'S THEIR RESPONSIBILITY.

IT'S WHAT HAPPENS AT THE LANDFUL OR THE TRANSFER STATION.

SO THERE DOES HAVE TO BE A PROHIBITION OR SOME KIND OF ORDER THAT YOU CAN POINT TO AND SAY YOU'RE REQUIRED TO COMPOST OR REQUIRED TO RECYCLE.

THIS IS WHAT THAT MEANS.

NOW, YOU DON'T WANT TO JUST DUMP THAT ON PEOPLE, GO FROM ZERO TO 60 IMMEDIATELY.

YOU WANT TO HAVE PILOT PROGRAMS AND YOU WANT TO MAKE SURE THAT YOU'RE EDUCATING FOLKS.

THIS WILL SAVE MONEY FOR EVERY BUSINESS AND CITIZEN OUT THERE IF IT'S DONE RIGHT.

IT WILL SAVE THE CITY MONEY.

SO I WOULD SAY THERE SHOULD BE SOME KIND OF CODIFIED CITY WIDE ORDINANCE THAT STATES THIS IS HOW IT WORKS.

SO WHEN YOU'RE EDUCATING AND ENFORCING THOSE CITY EMPLOYEES HAVE SOMETHING TO POINT TO.
JUST MAKE IT EASIER AND MAKES IT MORE WORKABLE.

THE OTHER SIDE OF IT IS, THERE HAS TO BE AN INCENTIVE AND INFRASTRUCTURE SO PEOPLE CAN DO

WE'VE SEEN ACROSS THE BOARD MULTI-FAMILIES.

THEY WANT TO COMPOST.

THEY WANT TO RECYCLE BUT THEY DON'T HAVE THE INFRASTRUCTURE THEY NEED TO DO IT.

IF YOU DON'T HAVE BINS AND SET UP IN YOUR BUILDING, IT'S DIFFICULT TO DO.

YOU CAN'T EXPECT PEOPLE TO BE

HERE -- HEROS.

>> THANK YOU FOR BEING HERE.

I'M GOING TO CALL NAMES AND YOU CAN LINE UP AT MY LEFT OR RIGHT TO THE PODIUMS.

FIRST, WE HAVE LAURA GROVER. NEXT, HANNAH PEARLS AND THIRD RACHEL SYNSCHEIMER.

HI THERE.

>> HI.

>> THANK YOU.

>> HI.

THANK YOU.

I'M SUPER EXCITED TO SEE HOW MANY PEOPLE WERE AT THIS HEARING.

I WASN'T SURE WHAT TO EXPECT.

THIS IS MY FIRST TIME.
I'M A CITY RESIDENT FROM BAY

VILLAGE AND A HOMEOWNER AND NOT BY ANY MEANS AN EXPERT IN COMPOSTING OR WASTE.

I'M HERE TODAY TO EXPRESS SUPPORT AS A CITY RESIDENT FOR A CURBSIDE PROGRAM AND HOPEFULLY THAT BAY VILLAGE IS GOING TO BE A FIRST AREA IF A PILOT WILL TAKE PLACE.

WE ARE A SMALL ENOUGH NEIGHBORHOOD.

MEASUREMENT WOULD BE EASY TO FIGURE OUT FOR AND KIND OF HAVE SOMETHING AT SCALE OR FIGURE OUT WHAT IT MIGHT LOOK LIKE AT SCALE.

THERE'S 600 OR 700 HOUSEHOLDS. IT WOULDN'T HAVE A HUGE IMPACT ON THE CITY AS FAR AS TRANSPORTATION AND NEEDING TO HAVE TRUCKS GO TO MANY DIFFERENT LOCATIONS.

AGAIN, IT'S A MANAGEABLE SIZE.
I ALSO CURRENTLY PARTICIPATE IN
AN OSCAR PROGRAM AND SOMETHING I
HADN'T PLANNED ON TALKING ABOUT.
I JUST LEARNED A TON HERE.
I HAD NO IDEA THE MATERIAL THAT
I AM BRINGING TO CITY HALL ON A
BIWEEKLY BASIS IN A BACKPACK TO
COMPOST IS NOT ACTUALLY BEING
COMPOSTED IN A WAY THAT CAN BE
USED IN A FARM.
SO WHEN THE PANELISTS TALKING

ABOUT TRANSPARENCY, SEWAGE
SLUDGE AND THINGS LIKE THAT, I'D
LIKE FOR THE COUNCIL TO

CONSIDER -- EVEN IF IT'S A
LOWEST COST OPTION FOR THOSE OF
US THAT WANT TO COMPOST AND HAVE
IT BE USEFUL FOR SOMETHING GOOD
TO CONSIDER CONTRACTS OR
PROCESSES THAT ARE DOING A MORE
ORGANIC PROCESS AND BE USABLE.
BECAUSE I DIDN'T KNOW THAT
THAT'S NOT WHAT MINE IS DOING
RIGHT NOW.

SO THANK YOU VERY MUCH.

>> GREAT.

THANK YOU.

YOU CAN STAY IF YOU WANT TO LISTEN.

I WANT TO MAKE SURE THAT -- IT'S A LITTLE MISUNDERSTANDING -- >> A QUICK POINT HERE.
CLARIFICATION ON PROJECT OSCAR.
WHEN WE STARTED, IT HAD GONE TO ROCKY HILL OF AS OF NEXT WEEK IT WILL NO LONGER BE GOING TO A FACILITY AND LAWRENCE.
IT WILL GO TO A FARM INSTEAD.

WE'RE SWITCHING CONTRACTS.
AS OF NEXT WEEK, IT WILL BE

GOING TO A DIFFERENT LOCATION.
[APPLAUSE]

NEXT WEEK -- OKAY.

THANK YOU.

>> THAT'S GREAT.

YOU HAVE ANOTHER VENT.

BUT THANK YOU.

WE'RE GOING TO GET TO OUR NEXT TWO PUBLIC TESTIMONIES IN JUST A MOMENT.

BUT IT'S PROOF POSITIVE THAT
THERE'S A LITTLE SORT OF -- I
WON'T SAY -- MAYBE NOT DISTRUST
IS THE RIGHT WORD BUT CONCERN
GOING FORWARD THAT IF WE DON'T
DO THIS -- THIS CITY IS
COMMITTED TO DOING IT RIGHT.
THERE'S THE WHOLE EXPRESSION,
YOU HAVE TO CRAWL BEFORE YOU CAN
WALK BEFORE YOU CAN RUN.
WE'RE NOT EVEN CRAWLING RIGHT
NOW.

WE'LL DO IT IN CONCERT AND DOING IT RIGHT.

SO DELIGHTED TO HEAR ABOUT THIS ADMINISTRATION AND THE FACT THAT THEY'RE LISTENING AND WORKING. GREAT NEWS.

THE NEXT TIME YOU BRING YOUR COMPOSTING DOWNSTAIRS, YOU KNOW IT'S GOING TO A GREAT FARM.

THANK YOU, CHIEF.

THANK YOU, LADIES AND GENTLEMEN.

OUR NEXT PUBLIC TESTIMONY IS HANNAH AND THEN RACHEL.

- >> GOOD MORNING.
- >> GOOD MORNING.
- >> VERY BRIEFLY, I'M A BRIGHTON RESIDENT.

I'M ALSO A STUDENT.

I HAVE THREE ROOMMATES AND MY HUSBAND.

WE'RE BOOTSTRAP CUSTOMERS.

HAVING ROM MATES IS RIGHT NOW

THE ONLY WAY THAT STUDENTS AND

SOCIAL WORKERS THAT WE CAN

AFFORD THAT SERVICE.

I JUST WANT TO TALK ABOUT

RENTERS WHICH HASN'T BEEN

DISCUSSED YET.

IN OUR APARTMENT COMPLEX, WE

HAVE EIGHT FLOORS, TWO

BUILDINGS, HUNDREDS OF RESIDENTS

AND TWO MASSIVE DUMPSTERS.

THEY'RE OPEN, SNOW, RAIN, THE

WHOLE NINE YARDS GETS IN THERE.

SMELLS TO HIGH HEAVEN.

A PEST PROBLEM.

WASTE PROBLEM.

AS RENTERS, WE DON'T HAVE A

CHOICE IN HOW THE WASTE IS

STORE, TAKEN CARE OF.

WE'VE SEEN VIOLATIONS POSTED ON MY BOARD.

A LOT OF PEOPLE CAN'T AFFORD THE BOOTSTRAP BUCKET.

BUT THERE'S A HUGE OPPORTUNITY FOR RENTERS TO HELP WITH THE

IT'S UNSIGHTLY, SMELLS AND IT'S UNHEALTHY.

ONE THING I WANTED TO DRIVE HOME.

THE OTHER IS ANECDOTAL.

MY BROTHER IS IN CAMBRIDGE.

WHEN HE HAD THE OPPORTUNITY TO GET THAT LITTLE BIN AND DO

CURBSIDE COMPOSTING, HE WAS SO EXCITED.

HE HEARD ABOUT IT WASN'T GOING WHERE HE THOUGHT IT WAS GOING.

MAYBE IT'S NOT THE COMPOST HE

HAD IN HIS HEAD AND HE BOUGHT A

BOOTSTRAP BUCKET.

SO A LOT OF PEOPLE HAVE THE PICTURE IN THEIR HEAD, IT'S BEING DONE BY THE CITY.

THAT WILL HELP YOU GO BIG OR GO HOME BASED ON PERSONAL

>> THANKS FOR YOUR TESTIMONY.

RACHEL?

EXPERIENCE.

>> HI.

THANK YOU SO MUCH FOR HAVING US. SO I'M HERE TODAY FOR ALL 25 YEARS OF MY LIFE.

I WENT TO THE LATIN SCHOOL.
I'M HERE TO SAY THAT AS A

MILLENNIAL, WE WANT TO BE COMPOSTING.

ALL OF MY FRIENDS ARE BLA ALUMS. WE WANT TO BE DOING THIS.

I WENT TO GEORGE WASHINGTON UNIVERSITY IN B.C.

>> MY TWO ALMA MATERS.

>> THINGS HAVE GONE WELL FOR

IT'S EASY TO COMPOST THERE.

THE SCHOOL MADE IT EASY.

WE JUST TOOK ALL OF OUR COMPOST TO THE COMPOSTER AND WE USED IT IN OUR URBAN GARDEN.

AND WHEN MY FRIENDS AND I MOVED BACK TO BOSTON AFTER GRADUATING, WE REALLY WANTED TO KEEP DOING THAT.

WE WERE SHOCKED BY HOW DIFFICULT IT IS HERE.

WE WOULD LOVE TO DO BOOTSTRAP.

MUST OF MY FRIENDS AND I ARE IN THE NONPROFIT SECTOR, IN GRAD SCHOOL OR TEACHERS.

IT'S JUST NOT IN OUR BUDGET.

WE CALLED ALL OF THE SCHOOLS.

ALL OF THE COLLEGES AND UNIVERSITIES.

WHILE THEY HAVE COMPOSTING IN DINING HALLS, THERE'S NO PROGRAMS THAT I CAN FIND FOR STUDENTS OR IF YOU LIVED IN FOGGY BOTTOM, YOU CAN BRING YOUR COMPOST TO THE SCHOOL.

COULDN'T FIND THAT I CALLED RESTAURANTS TO SEE IF I COULD

THAT WASN'T AN OPTION.

COMPOST WITH THEM.

I TRIED TO GET TO FARMERS

MARKETS TO TAKE MY COMPOST.

THEY WOULDN'T DO IT.

FOR A WHILE, I WAS BIKING MY FRIEND'S COMPOST TO PROJECT OSCAR IN J.P. OR TAKING IT ON

THE ORANGE LINE.

BASICALLY NOT ONLY WAS I GETTING WEIRD LOOKS ON THE ORANGE LINE, ONCE I FOUND OUT ABOUT I WASN'T EXACTLY SURE HOW THE COMPOST WAS BEING HANDLED, IT FELT LIKE SOMETHING THAT I WANTED TO BE DOING WITH MY TIME ANYMORE.
I'M JUST HERE TO SAY THAT WE REALLY WANT IT.

MILLENNIALS, THE BLS ALUMS, MY AGE RANGE, WE'RE REALLY INCENTIVIZED FOR THIS.

I WAS JUST THERE OVER

THANKSGIVING.

THERE WAS HUNDREDS OF PEOPLE TALKING ABOUT SOCIAL JUSTICE, ENVIRONMENTAL JUSTICE ISSUES. THOSE ARE YOUR PEOPLE.

GET SOME BLS KIDS ON IT, GET SOME BLA KIDS ON IT.

THEY WANT TO TALK ABOUT IT AND DOING IT RIGHT.

THAT'S WHAT I HAVE TO SAY.

THANK YOU.

>> THANK YOU, RACHEL.
YOU'RE A CREDIT TO BOTH OF OUR
ALMA MATERS.

THAT IS ALL I HAVE FOR PEOPLE THAT INDICATED THEY WANT TO TESTIFY.

IF ANYBODY DID WANT TO INDICATE OR DIDN'T CHECK-OFF A BOX, PLEASE JUST JOIN US.

ANYONE ELSE WOULD LIKE TO FOLLOW THIS PERSON?

PLEASE JUST LINE UP BEHIND HER. THANK YOU.

>> SORRY.

I THOUGHT I FILLED IT OUT.

>> IT'S ALL RIGHT.

>> I BETHANY PATTON.

I'M HERE REPRESENTING -- I HAVE TWO HATS.

ONE IS I RUN A SUSTAINABILITY INITIATIVE.

I'VE BEEN DOING THIS FOR EIGHT YEARS.

STARTED WITH THE FOOD WASTE BAN.

I'VE SORTED TRASH AND RUNS SEVERAL PILOTS OUT OF MY SCHOOL. TO YOUR POINT ABOUT BEHAVIOR AND EDUCATION, IT'S ABSOLUTELY ESSENTIAL.

THE BIGGEST ISSUE WE HAD ARE PEOPLE ARE TRYING TO SORT BUT THEY GET FRUSTRATED AND GET TO THE CLOSER BIN AND THROW STUFF IN.

AS A RESULT, OUR COMPOST PROGRAM DOESN'T WORK AND WE DON'T COMPOST.

THAT'S ON THE FRONT OF THE SHOP SIDE.

SO IN ADDITION, WE'VE BEEN WORKING WITH THE CITY AND WE KNOW THESE INITIATIVES HELP THE CITY WITH REDUCTION IN GREENHOUSES GASSES, REDUCE IN CO2 AND IT'S GOOD FOR THE ECONOMY.

WE HAVE A BUSINESS THAT ONE OF OUR STUDENTS RUN THAT IS CALLED STERILE ALERT.

IT -- THEY TAKE FOOD IS ABOUT TO GO BAD AND DELIVER IT TO PEOPLE IN NEED.

IT'S JUST FOR THE ECONOMY AND THE CITY IS A REALLY GOOD CHOICE.

MY OTHER HAT AND PROBABLY MORE IMPORTANT HERE, I'M THE PRESIDENT OF THE BAY VILLAGE NEIGHBORHOOD ASSOCIATION. TO ECHO LAURA'S POINT, I HAVE A VISION TO MAKE BAY VILLAGE THE MOST SUSTAINABLE VILLAGE IN THE CITY.

WE'RE SMALL ENOUGH, 1,300 RESIDENTS THAT WE CAN RUN A PILOT THAT CAN DELIVER YOU GUYS RESULTS THAT COULD HELP SCALE THE REST OF THE CITY.

WE TURN OUT TO VOTE IN THE HIGHEST PERCENTAGES.

REALLY ENGAGED.

I CAN GUARANTEE YOU THE NEIGHBORHOOD WOULD GET BEHIND IT.

I'M TOTALLY IN SUPPORT OF IT AND I THINK THE NEIGHBORHOOD WOULD BE, TOO.

>> THANKS FOR YOUR TESTIMONY.

>> HI.

I'M JOY GARY.

TIM FARM -- I'M A FARM MANAGER IN MATTAPAN.

I'M EXCITED ABOUT THE PROCESS OF ROLLING OUT A COME PASTING PROGRAM.

THE ONLY CAVEAT I'D SAY, WHOEVER IS MANAGING THE COMPOST THAT IT WOULD NEED TO BE TESTED ON SEVERAL LEVELS IN ORDER FOR IT TO BE SAFE ENOUGH TO BE USED ON DIFFERENT FARMS.

ALSO, IT WOULD HAVE THE QUALITY THAT DOESN'T MAKE IT MORE PROBLEMATIC FOR FARMERS TO ACTUALLY USE IT.

THERE'S A NUMBER OF FREE
COMPOSTING OPPORTUNITIES FOR THE
LOCAL COMMUNITY GARDENS AND
LOCAL FARMSES WHERE THEY'RE
INTRODUCING WEED SEEDS TO FARMS
AND COMMUNITY GARDENS AND MAKING
IT MORE DIFFICULT FOR
INDIVIDUALS TO GROW.

SO WHATEVER PROCESS WE USE, I COULD ENCOURAGE US TO CONTINUE TO HAVE FARMERS AND POSSIBILITY SOIL SIGNTISTS INVOLVED IN THE PROCESS SO WE'RE MAKING SURE THAT THE PRODUCTS THAT WE'RE PRODUCING ARE OF HIGH QUALITY AND REALLY GOOD FOR THE COMMUNITY.

I ALSO WANTED TO SUGGEST LOOKING AT VERMONT COMPOST.

THE PROCESSES THAT THEY'VE BEEN USING TO ALLOCATE RESOURCES TO CREATE A HIGH QUALITY PRODUCT. THEY'RE PROBABLY ONE OF THE BEST ORGANIZATIONS THAT ARE PRODUCING COMPOST AND POTTING SOILS FOR FARMERS IN THE NEW ENGLAND AREA. I THINK IT WOULD BE BEST FOR US TO SEE AND POSSIBLY MODEL SOME OF THE PROCEDURES THAT THEY ARE EMPLOYING.

THANK YOU.

>> THANK YOU VERY MUCH.

>> HI.

>> HI.

I'M FROM CITY SOIL AND GREENHOUSE.

WE HAVE THE CONTRACT TO MANAGE

THE YARD WASTE COMPOSTING FACILITY.

I APPRECIATE THE FEEDBACK ABOUT
THE WEED SEEDS.
WE CONTINUE TO IMPROVE THAT
PROCESS AND THERE ARE
TECHNOLOGIES OUT THERE THAT
WOULD NOT ONLY IMPROVE OUR
CURRENT PROCESSES FOR CREATING
COMPOST FROM YARD WASTE BUT ALSO
PROCESSES THAT WOULD ALLOW FOR
REALLY QUICK AND URBAN
COMPOSTING TO HAPPEN WITH FOOD
WASTE.