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COUNCIL OF THE CITY OF PHILADELPHIA
COMMITTEE ON THE ENVIRONMENT

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- - -
Room 400, City Hall
Philadelphia, Pennsylvania
Monday, May 5, 2008, 10:15 a.m.
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9 Resolution 080089 - Authorizing the
Committee on the Environment to hold public
10 hearings to examine Philadelphia
International Airport's recycling policies
11 and goals, and to explore alternative
approaches to increasing the Airport's
12 recycling rate of both public and internal
waste.

13

Resolution 080266 - Calling on the Committee
14 on the Environment and the Committee on
Commerce and Economic Development to hold
15 joint hearings on adopting a Green Job Corps
to help Philadelphia create a qualified,
16 trained workforce to support local green
businesses and contractors.

17

18

COUNCILMEMBERS PRESENT:
James F. Kenney, Chair
19 Blondell Reynolds Brown, Vice Chair
Curtis Jones, Jr.
20 Jack Kelly
Frank Rizzo

21

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2 COUNCILMAN KENNEY: Good
3 morning, ladies and gentlemen. The
4 Committee on the Environment is now in
5 session.

6 We do not have a need for a
7 quorum since we are dealing with two
8 resolutions, so in the interest of
9 saving some time for the people who
10 are here today, we'd like to get
11 started. And as Councilmembers
12 come -- Councilmember Rizzo is here
13 now. As Councilmembers come, we will
14 enter them into the record.

15 I just have a briefing opening
16 remark relative to the issue of
17 airport recycling. As we all know,
18 Philadelphia's in the midst of taking
19 steps to support urban sustainability
20 and promote green initiatives. From
21 incorporating energy-efficient
22 policies and products to establishing
23 incentives for greening, there is much
24 to be proud of more and still much
25 more we can do.

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2 One area we can improve on is
3 recycling. While I am aware of
4 Philadelphia International Airport's
5 commitment to environmental
6 stewardship, I would like to see an
7 active recycling campaign throughout
8 the airport, with receptacles located
9 conveniently throughout each
10 concourse, especially since the
11 airport is often the first and last
12 impression of Philadelphia for
13 visitors.

14 Recycling is an opportunity to
15 showcase our commitment to being
16 green. With over 30 million
17 passengers each year, the airport has
18 a tremendous opportunity to divert
19 newspapers, magazines, bottles, and
20 other recyclable products from the
21 waste stream. Therefore, I am
22 interested in hearing about what steps
23 are being taken to encourage travelers
24 to recycle. Furthermore, I would like
25 to hear more about the airport's

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2 recycling guidelines and procedures
3 for administrative offices, retail
4 shops, and restaurants.

5 There are many airports that
6 have adopted aggressive and creative
7 policies for both internal and public
8 recycling of materials ranging from
9 plastic bottles to cooking oil.

10 The Seattle Tacoma
11 International Airport, which is
12 currently ranked as the 17th busiest
13 passenger airport in the U.S., has
14 been recycling tonnage increase by 900
15 percent between 2001 and 2005 by
16 providing recycling opportunities in
17 the terminals, retail stores,
18 maintenance buildings and airport
19 offices, as well as food concessions,
20 taxi stands, and garages.

21 The Baltimore-Washington
22 International Thurgood Marshall
23 Airport is here today to share their
24 success story of growing recycling
25 from less than 5 percent to 28 percent

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2 in two years.

3 I'd like to thank everyone for
4 being here today and for participating
5 in this hearing so that we can learn
6 more about what our airport is doing
7 to recycle and how we can expand this
8 important program.

9 Let me also say that we are
10 certainly going to review what the
11 airport has done over the course of
12 the years, but going forward, we would
13 like to make this a more positive
14 hearing so that we can put in place a
15 program that we can all be proud of
16 and be effective in trying to
17 accomplish our recycling goals.

18 So with that being said, I'd
19 like to ask our first panel, which is
20 Charles Isdell and Calvin Davenger
21 from the airport. Please proceed with
22 your testimony.

23 (Witnesses come forward.)

24 COUNCILMAN KENNEY: Good
25 morning. As you know please, identify

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2 yourself for the record and proceed.

3 MR. ISDELL: Good morning,
4 Mr. Chairman.

5 COUNCILMAN KENNEY: Good
6 morning.

7 MR. ISDELL: My name is Charlie
8 Isdell. I'm the Acting Director of
9 Aviation for the City of Philadelphia.

10 And Calvin, do you want to
11 introduce yourself?

12 MR. DAVENGER: Yes. Good
13 morning. My name is Calvin Davenger.
14 I'm Deputy Director of Aviation
15 Planning and Environmental Stewardship.

16 COUNCILMAN KENNEY: Please
17 proceed.

18 By the way, Councilman Kelly
19 is now in attendance also.

20 MR. ISDELL: Good morning,
21 Mr. Chairman and members of the
22 committee.

23 Philadelphia International
24 Airport has embarked on a host of
25 environmental programs over the past

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2 decade. One of our most challenging
3 initiatives has been the gradual
4 growth of recycling and integrated
5 solid-waste management systems.

6 With over 200 tenant
7 businesses, 32 million passengers a
8 year, two-and-a-half million square
9 feet of terminal space, and 35,000
10 employees working seven days week, 365
11 days a year, the airport has one of
12 the more complicated waste streams in
13 the region. As you can imagine, an
14 airport recycling program presents
15 more challenges than a typical
16 commercial facility due to the
17 budgetary constraints of the airlines
18 that fund our budgets as well as some
19 of the regulator restrictions imposed
20 by the FAA and the Transportation
21 Security Administration.

22 Waste streams at the airport
23 can be divided into two categories.
24 The first is waste from non-leased
25 terminal areas, such as City offices

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2 and buildings; and the second is waste
3 from areas leased by the airlines,
4 vendors, and other tenants. The first
5 category generated about 2500 tons of
6 solid waste in 2007; and the second
7 category, roughly 8500 tons.

8 In 2007, we recycled about 62
9 tons of mixed paper, cardboard, and
10 beverage containers in our City
11 facilities. The number is up from 42
12 tons the previous year, but it still
13 only represents a two-and-a-half
14 percent recycling rates. However,
15 initiatives we have undertaken in 2008
16 will significantly increase this rate.

17 Separately, we contract with
18 an EPA-certified recycling company
19 that recovered nearly 60,000
20 fluorescent lamps and over 3,000
21 ballasts in 2007.

22 Our concession program
23 recovers 130 tons of recyclable
24 cardboard each year.

25 We also utilize citywide

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2 contracts for the recycling of toner
3 cartridges, scrap metal, tires,
4 construction and demolition material
5 and obsolete electronics. Because the
6 Procurement Department administers
7 these contracts centrally, no specific
8 airport tonnage data is available for
9 those materials. We are working with
10 Procurement to establish a procedure
11 to calculate these quantities in the
12 future.

13 All of the above represents
14 Phase I of a three-phase program that
15 will dramatically increase recycling
16 rates for the airport's tenants and
17 passengers while simultaneously
18 reducing costs and creating
19 significant environmental benefits.

20 Phase II involves the
21 collection and recycling of public
22 waste. This effort has been hampered
23 in the past due to high levels of
24 contamination caused by passenger
25 misuse of the receptacles. Undaunted,

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2 we have recently completed a
3 successful pilot recycling program on
4 Concourse B and are now using seven
5 state-of-the-art integrated recycling
6 receptacles to recover beverage
7 containers, newspapers, and magazine
8 in that concourse.

9 Twelve additional receptacles
10 are already on order for placement in
11 Concourses A and C and 23 additional
12 receptacles will be put out to bid
13 through the Procurement Department
14 later this month.

15 We've hired 12 semi-skilled
16 laborers for the hauling of materials.
17 We also received assistance from the
18 Procurement Department in adding the
19 airport facility to the citywide
20 contract for recycled materials
21 processing. We estimate that the
22 airport will dramatically increase its
23 recycling rate after full deployment
24 of these receptacles in all of our
25 concourses.

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2 And, Mr. Chairman, we do have
3 a sample of the receptacle on display
4 today in Council chambers.

5 COUNCILMAN KENNEY: Thank you.

6 MR. ISDELL: Phase III will
7 involve the development of a
8 centralized recycling system that will
9 encompass paper, cardboard, beverage
10 containers, and other material-
11 collection services for all vendors and
12 companies at the airport. This will
13 allow for enormous economies of scale.
14 USAirways and American Airlines are
15 already in discussions with us
16 regarding collection of recyclables in
17 their passenger hold rooms.

18 The airport's recycling
19 committee was formed in 2002 as part
20 of a campaign to raise recycling
21 awareness. Calvin Davenger, our
22 Deputy Director for Planning and
23 Environmental Stewardship, chairs the
24 Committee.

25 The members, some of whom are

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2 here with us today, represent all
3 airport departments. They meet
4 monthly and have helped to development
5 and implement our recycling plans and
6 training programs. They also
7 participate in public-outreach events
8 such as America Recycles Day and Earth
9 Day. The committee has also engaged
10 local schools, including Patterson
11 Elementary School, in environmental
12 awareness programs. Committee members
13 also act as resources and mentors to
14 colleagues. And, for example, they
15 put together a set of recycling
16 instructions for all employees to
17 clearly explain the office recycling
18 program.

19 The Green Airports Initiative
20 encompasses all aspects of airport
21 environmental policy, including solid
22 waste, green design, water quality,
23 air quality, and energy efficiency.
24 Its solid waste subcommittee is
25 cochaired David Biddle, Executive

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2 Director of the Greater Philadelphia
3 Commercial Recycling Council and is
4 composed of key policy-makers from the
5 US EPA, Pennsylvania Department of
6 Environmental Protection, the City's
7 Recycling Office, the Mayor's
8 Recycling Advisory Committee, and
9 several institutional recycling
10 managers from around the region. This
11 group meets regularly with airport
12 personnel and provides valuable
13 guidance on issues such as recycling.

14 Earth Day and -- I'm sorry.
15 PHL has held Earth Day and America
16 Recycles Day events for airport
17 employees and the public for almost a
18 decade to raise awareness about the
19 airport's recycling mission. Awards
20 are given out in recognition of
21 individuals contributing to
22 environmental stewardship. Media
23 briefings are conducted and
24 information booths are on display,
25 providing numerous environmental

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2 organizations the opportunity to
3 network with airport passengers and
4 employees.

5 Some of the key objectives
6 we've targeted for 2008 include the
7 following:

8 First, expansion of public-
9 area recycling to all concourses.

10 Second, establishment of a
11 passenger education process, in
12 partnership with the TSA, to minimize
13 material confiscated during the
14 security screening process.

15 Three, meet the ongoing
16 training needs of maintenance and
17 custodial management staff.

18 Fourth, development of a
19 better and timelier tracking and
20 monitoring system for all materials
21 recovered on site.

22 Sixth [sic], formal
23 establishment of a waste-management
24 program budget.

25 Seven, strategic addition of

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2 new materials for recycling; for
3 example, food waste, composting, wood
4 pallets, and other organic material.

5 Eight, regular updates on our
6 website regarding recycling program
7 process.

8 And lastly, begin a five-year
9 strategic planning process for solid-
10 waste recycling at the airport.

11 If time is available, I would
12 just like to mention a few of our
13 other recent environmental
14 achievements.

15 COUNCILMAN KENNEY: Please.

16 MR. ISDELL: On air quality, we
17 made the largest US airport wind-energy
18 purchase: 13,000 megawatt hours per
19 year through the PECO Wind Energy
20 Program. We subsidize SEPTA
21 Transpasses to encourage employees to
22 use our R1 high-speed line rather than
23 drive to work. And we currently have
24 seven hybrid vehicles for our staff;
25 three more are on order.

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2 In water quality, we have a
3 new de-icing facility that directs
4 de-icing fluid runoff to the City's
5 sewage system rather than let it run
6 into the Delaware River.

7 Wetlands creation at Penny
8 Pack Park and Heinz Wildlife Reserve
9 has been done in the past. The red-
10 bellied turtle has begun to repopulate
11 our area thanks to habitat
12 enhancement; that is a state
13 threatened species.

14 Cleanup and monitoring of the
15 former Enterprise Avenue landfill,
16 upon which the Runway 826 was built in
17 the '90s. We continue to monitor
18 wells to make sure that the water
19 supply is safe.

20 Elimination of sludge dump at
21 Northeast Airport through a program
22 whereby we cleaned up the site and
23 sold the property to TJ Maxx
24 Corporation, which now has a giant
25 distribution warehouse at Northeast

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2 Airport.

3 And in the noise area, we have
4 a program: Ongoing sound insulation
5 at 600 homes in Tinicum Township.
6 We've opened noise community service
7 offices in both Tinicum Township and
8 the Eastwick community of
9 Philadelphia. And we've proposed
10 sound insulation of historic Fort
11 Mifflin structures on the historic
12 Fort Mifflin property.

13 Lastly, Philadelphia Green --
14 PHL Green Program. We are a sponsor,
15 and have been for the last two years,
16 of the Philadelphia Flower Show. This
17 year, we had an award-winning exhibit
18 that was put together by students from
19 the Saul Agricultural High School.

20 We have done Earth Day
21 awareness, tree plantings with
22 Kensington High School for the last
23 several years. And we allow a group
24 of senior citizens to do community
25 farming on a seven-acre parcel of our

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2 property north of Runway 1735 in the
3 Eastwick community.

4 I want to thank you for the
5 opportunity to present this
6 information. We're very proud of our
7 environmental stewardship program and
8 we would like to make you proud as
9 well.

10 And, Mr. Chairman, if you
11 wish, I could introduce the members of
12 the recycling committee. It will just
13 take a moment.

14 COUNCILMAN KENNEY: Thank you.

15 MR. ISDELL: The ones that are
16 here today are:

17 Maryanne Boyle is here. If
18 you want to stand when I say your
19 name. Diane Bush, Al Chernoff,
20 Barbara Culture, Bob Drellic (sp?),
21 Barbara Evans, Marshall Evans (no
22 relation), Henry Fapahanda (sp?), Dita
23 Cullman, Sandy Lanier, Clyde Latham,
24 Vicki Lupica, Darnell Mason, Bob
25 Gizinski (sp?), Deirdre McDermott

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2 O'Neill, Allen Moore, Karen
3 Merchantson (sp?), Kim Rone (sp?),
4 Robin Ross; and our custodial
5 superintendent, Ed Gore; our
6 maintenance manager, Allen Moore; and
7 our assistant director, Tracy Border.

8 All of them have been active
9 in our recycling and other
10 environmental programs. I just wanted
11 to acknowledge them.

12 And thank you for the
13 opportunity.

14 COUNCILMAN KENNEY: Thank you
15 very much. Thank you for your and
16 thank you for your volunteer efforts on
17 behalf of the recycling program at the
18 airport. And I want to thank you for a
19 lot of the other -- many other
20 environmentally sensitive and green
21 initiatives at the airport.

22 I think our overall -- or at
23 least my overall general concern has
24 been the level of 2.5 percent of our
25 recycling. And I sense from the

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2 testimony that you've given relative
3 to efforts in 2008 that by this time
4 next year, we could probably get
5 hopefully a very good report on an
6 increase from 2.5 percent to a
7 substantial amount.

8 MR. ISDELL: Yes, that is
9 certainly our goal.

10 And I really want to thank you
11 and the committee, Mr. Chairman, for,
12 among other things, stimulating and
13 focusing us on this issue.

14 COUNCILMAN KENNEY: I think
15 with the new administration and the new
16 administration's embrace of
17 sustainability and recycling and
18 everything's else that I think we need
19 to look at each individual aspect and
20 component of what we do in government,
21 whether it's this building, whether
22 it's the airport, whether it's the Navy
23 Yard, in ongoing efforts to kind of
24 focus attention.

25 As I said in a speech at the

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2 end of one of our last Council
3 sessions, since we've gotten weekly
4 single-stream recycling, I put the
5 trash out on Wednesday night, and
6 Thursday is our trash day, I put out
7 two bags when I normally put out five
8 and was physically and personally
9 shocked at the reduction in my trash
10 based on this single-stream weekly
11 pickup.

12 So I think if we can replicate
13 that at the airport, we'll be taking a
14 lot of, I guess, landfillable products
15 out of our recycling stream.

16 Councilman Rizzo?

17 COUNCILMAN RIZZO: Thank you
18 Mr. Chairman.

19 Good morning, Mr. Isdell and
20 your colleagues.

21 MR. ISDELL: Good morning.

22 COUNCILMAN RIZZO: Beyond what
23 you've described today, I just have a
24 couple of questions about other areas
25 of the airport.

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2 When a flight arrives at your
3 airport, there's a lot of materials --
4 newspapers that are left behind by
5 passengers. The flight attendants,
6 when they come down the aisle, from
7 experience, they put cans and they put
8 trash all in one container.

9 How are you dealing with some
10 of those materials that are
11 accumulated in our city? I don't know
12 whether the airline takes it with them
13 or they discard it here. Could you
14 describe that process?

15 MR. ISDELL: I'm going to ask
16 Deputy Director Davenger to help me
17 with this.

18 But at the present time, we
19 have discussions ongoing with
20 USAirways and American Airlines to do
21 recycling of the airline waste stream
22 that largely accumulate in the hold
23 rooms. I just read recently that
24 Seattle Airport has embarked on a
25 program to actually recycle the waste

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2 that comes off the plane; is that
3 specifically what you're talking
4 about?

5 COUNCILMAN RIZZO: Yeah. In
6 other words, I'm just talking about
7 what -- the times I just left a
8 newspaper in the seat pocket, thinking
9 that it's going to be obviously picked
10 up by somebody that cleans the
11 aircraft, and I wondered if you look
12 down the rows, there's dozens and
13 dozens and dozens of newspapers, plus
14 when the flight attendant comes
15 through, they pick up soda cans and
16 perishable food and everything that
17 accumulates during the flight.

18 What happens to it? Does it
19 stay behind? does it go with the
20 aircraft? I don't know.

21 MR. ISDELL: Calvin, do you
22 want to handle that one?

23 MR. DAVENGER: Good morning,
24 Councilman. What you've described is
25 pretty much what has been identified in

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2 a report that was published by the
3 National Resources Defense Council,
4 which was titled "Trash Landing." And
5 essentially what that report outlined
6 are those same issues.

7 And when it comes to off-
8 aircraft recycling, it's pretty much
9 handled on an airport-by-airport
10 basis, and it's pretty much the policy
11 of whatever airline that you're flying
12 on at the time.

13 So at our airport, since we
14 haven't fully implemented what we call
15 our Phase III, which is kind of an
16 all-encompassing and centralized
17 recycling program at our airport, I
18 don't really have a good answer for
19 that. I'd have to go back to the
20 specific airline and ask them what is
21 it that they do.

22 And that's part of, you know,
23 what we're looking to do going
24 forward.

25 COUNCILMAN RIZZO: I can --

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2 MR. ISDELL: I would assume --

3 COUNCILMAN RIZZO: Go ahead.

4 MR. ISDELL: I'm sorry. If I
5 can elaborate. I think that we
6 would -- initially, the assumption
7 would be that the airline itself as a
8 corporate entity would have some desire
9 to be responsible and recycle that
10 waste.

11 What I think we're discovering
12 is that the airport really has to take
13 the lead and, at the very least, make
14 it more convenient and practical and
15 cost-beneficial for them to do that.

16 And we really haven't done
17 that, honestly, up to now, but it is
18 the Phase III plan that we're looking
19 at for next year.

20 COUNCILMAN RIZZO: Is that your
21 expense to discards of their debris?
22 Do they put it in containers that
23 you're responsible for --

24 MR. ISDELL: If it comes --

25 COUNCILMAN RIZZO: -- and the

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2 airport pays for that disposal?

3 MR. ISDELL: If it comes off --
4 and I may need some help from my
5 maintenance manager here, but if it
6 comes off the plane into the airline's
7 hold room area, they dispose of it
8 themselves.

9 The exception would be if it's
10 at what we call "a common use gate,"
11 like an international gate, which is
12 not really -- we're responsible to
13 maintain those gates, including the
14 cleanliness of them. And I believe
15 that that waste is frequently left in
16 trash bags on the jet bridges and then
17 collected by our staff and put into
18 the general waste stream.

19 I think we may want the
20 maintenance manager to explain that
21 process.

22 (Witness comes forward.)

23 COUNCILMAN RIZZO: Give your
24 name for the record, please.

25 MR. MOORE: Good morning. My

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2 name is Allen Moore and I'm the Airport
3 Facilities Maintenance Manager.

4 Typically -- what Charlie has
5 described is correct -- the airlines
6 historically are responsible for the
7 waste that they generate on the
8 aircraft that they collect as part of
9 their aircraft-cleaning processes and
10 then subsequently handle it
11 internally.

12 COUNCILMAN RIZZO: Could you
13 stay there. I have one more quick
14 question.

15 You talked about, during your
16 remarks, Mr. Isdell, the de-icing
17 project, where they de-ice the
18 aircraft before takeoff. You talked
19 about that once it ran off into the
20 river and now it's recovered into the
21 sewage system?

22 Isn't there a way -- I read an
23 article once where some airports are
24 recovering that material and using it
25 again after some process of

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2 purification. It seems as though
3 that's pretty expensive material just
4 to flush it down the drain.

5 MR. ISDELL: Again, I think
6 Mr. Davenger has an up-to-the-minute
7 answer to that question regarding
8 de-icing fluid.

9 MR. DAVENGER: Yes.
10 Councilman, some years ago, we looked
11 at -- or we proposed to put a study in
12 place to study recycling some of that
13 material on airport premises, you know,
14 some portable recycling equipment.

15 And what we found was that
16 pretty much the amounts that we were
17 collecting and storing, they weren't
18 of a high enough BOD CO2 content to
19 make it worthwhile to recycle; it was
20 fairly dilute. And so it wasn't an
21 economical process for us, so we
22 didn't -- you know, we didn't pursue
23 that. But we did do a study to
24 investigate a means of recycling some
25 of that material.

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2 Also, the standards for that
3 material by the airlines are quite
4 high. And so when you do recycle it,
5 it's oftentimes not used again on
6 aircraft. It may be used as part of
7 runway de-icing or some other de-icing
8 use.

9 COUNCILMAN RIZZO: Is that
10 material appropriate to flush down the
11 drain? Is there any consequence of
12 that going into the sewage treatment
13 facilities? The pipes won't freeze,
14 that's for sure, but --

15 MR. DAVENGER: Well, we have an
16 agreement with the Water Department to
17 take this product, you know, if it's of
18 certain quality, and they have
19 chemicals, bugs, per se, that do work
20 to clean that material and make it
21 usable again.

22 COUNCILMAN RIZZO: So they're
23 obviously aware that that's coming to
24 them.

25 MR. DAVENGER: Oh, yes, sir.

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2 MR. ISDELL: It's actually
3 metered. And one of the reasons, I
4 believe, when we had this study done in
5 terms of doing a recycling program that
6 would either pay for itself or be cost-
7 beneficial is the idea that we just
8 happen to live sort of -- you know, our
9 part of the country. We have sometimes
10 severe, sometimes mild winters, like we
11 had a fairly mild winter this year, so
12 not in a steady stream.

13 When we have a really bad
14 winter and a lot of de-icing fluid is
15 used, it actually -- we have holding
16 tanks that when it's collected from
17 the pad, it goes into a dedicated
18 drain system and goes into some tanks,
19 and then it's metered over the course
20 of the whole year into the Water
21 Department's sewage-treatment system.

22 When we have a really bad
23 winter, sometimes we run out of
24 capacity in those tanks, and the
25 excess fluid has to be hauled away in

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2 trucks. When that happens, the vendor
3 who hauls the excess de-icing fluid
4 away does recycle it, as far as I
5 know, but we don't get -- at least up
6 until now, we don't get credit for
7 that.

8 And it has not been -- it's
9 been such an erratic processes, not a
10 regular amount year-to-year, that we
11 haven't really focused on it.

12 COUNCILMAN RIZZO: Thank you.

13 Thank you, Mr. Chairman.

14 COUNCILMAN KENNEY: In your
15 testimony, you indicated that one of
16 the biggest obstacles to the public
17 common-area recycling is the
18 contamination of recyclable material.

19 Can you give me an idea as to
20 what type of contamination and what
21 you may be aware of what other
22 airports do to handle that
23 contamination problem.

24 MR. ISDELL: Yes. Can I ask
25 Calvin to weigh in on that also?

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2 MR. DAVENGER: Yes. The
3 contamination that you typically see
4 would be contamination by food waste,
5 perhaps some cleaning fluids, oils,
6 drink cups as opposed to beverage
7 containers. These are the type of
8 things that we would typically see.

9 COUNCILMAN KENNEY: Are you
10 aware of what other airports do to --
11 I'm sure the flying public in Chicago
12 or New York or California have the same
13 bad habits as our people do.

14 MR. DAVENGER: Well, I believe,
15 you know most airports do have a
16 certain amount of contamination
17 depending on how they recycle.

18 Now, we're at a stage now, or
19 finally at a stage, you know, where
20 we're kind of turning a corner, where
21 we can do commingle products. So the
22 contamination rate tends to be a
23 little bit less because we do have
24 beverage containers that still have,
25 you know, water and beverage and mixed

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2 drinks, you know, in with the
3 recyclable materials. So that's made
4 a big difference.

5 And as far as what other
6 airports do, I guess it depends on how
7 their system is set up, what kind of a
8 facilities they have near them to
9 process the materials. And that's a
10 big part of recycling is that you have
11 to have the facilities available to
12 process the various types of
13 commodities that come off of your
14 premises.

15 COUNCILMAN KENNEY: When will
16 Phase III be -- when is your target
17 date for Phase III fully implemented?

18 MR. DAVENGER: We're going to
19 go back and take a much harder look at
20 that. Phase III --

21 COUNCILMAN KENNEY: Well, is it
22 fair to say you're in Phase II now or
23 completing Phase II?

24 MR. DAVENGER: We're in Phase
25 II now. You know, certainly when we

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2 started, pretty much as other airports
3 across -- domestic airports started,
4 they started with pretty much the
5 offices with, you know, white paper,
6 mixed paper, cardboard. Then they
7 would move into, you know, the public
8 areas the best that they could. And
9 that's where we are.

10 Phase III, in my mind, can be
11 handled in one of two ways. We have
12 terminal recyclable materials, which
13 fall under what I would call Phase I
14 or Phase II, and I think the airport
15 can manage that, I think we can budget
16 for that, I think we can put a system,
17 put a mechanism in place to deal with
18 those.

19 When it comes to Phase III, if
20 you're talking a centralized recycling
21 process, we may want to investigate a
22 waste-management or third-party-
23 managed-type system, which would then
24 take the airlines' recyclables from
25 the maintenance facilities, from off

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2 aircraft, from their back-of-the-house
3 facilities, and handle that maybe
4 separately from what comes off the
5 terminal. Stuff that comes off the
6 terminal is usually pretty clean.
7 We're working with Blue Mountain now;
8 we can get most of those materials to
9 Blue Mountain. Some of the other
10 materials may be better served if they
11 go to a local or a close facility
12 where those products can be handled.

13 So we may be looking at two
14 separate systems here.

15 COUNCILMAN KENNEY: Who hauls
16 the office -- the Philadelphia office's
17 recycled material and non-recyclable
18 material now?

19 MR. DAVENGER: Right now, the
20 recycle material is being hauled by
21 Accurate Recycling.

22 COUNCILMAN KENNEY: And who is
23 -- and how about the non-recyclable
24 material?

25 MR. DAVENGER: We haul our own.

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2 We have compactors --

3 COUNCILMAN KENNEY: The City of
4 Philadelphia or the airport?

5 MR. DAVENGER: Well, it's the
6 City of Philadelphia.

7 COUNCILMAN KENNEY: The Streets
8 Department or the airport's --

9 MR. ISDELL: It's the airport.

10 MR. DAVENGER: It's the airport
11 that --

12 COUNCILMAN KENNEY: Now, in
13 Phase II, who do you envision hauling
14 that recyclable and non-recyclable
15 material?

16 MR. DAVENGER: Same.

17 COUNCILMAN KENNEY: Who hauls
18 it now? The terminal, whether it's
19 recyclables in the future or the
20 current trash we're disposing of, who
21 hauls the terminal trash right now?

22 MR. MOORE: Right now, we haul
23 the terminal trash through our own City
24 of Philadelphia compactor trucks. That
25 would be non-recycled material. We

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2 haul it to the appropriate waste

3 disposable facility --

4 COUNCILMAN KENNEY: Do you have

5 the capacity of using Philadelphia

6 equipment to pick up the recycling

7 material in the terminal?

8 MR. MOORE: We collect the

9 recycling material in the terminal, but

10 at this point, I would say we probably

11 don't the capacity to actually haul it

12 to a processing facility, which is one

13 of the reasons we are looking to engage

14 in a contract.

15 COUNCILMAN KENNEY: Well, when

16 Philadelphia picks up its residential

17 single-stream weekly recycled material

18 now, who hauls that; do you know?

19 MR. MOORE: As far as I know,

20 the City of Philadelphia hauls it in

21 their trucks for recycling.

22 COUNCILMAN KENNEY: So it out

23 of the realm of possibilities for us to

24 be hauling our own recycled material to

25 the same place the City is taking its

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2 recyclables.

3 MR. MOORE: It's a possibility,
4 but it would require investment on the
5 part of the airport in terms of
6 additional vehicles to haul that
7 material as well as staffing to drive
8 them.

9 COUNCILMAN KENNEY: And do you
10 anticipate doing a cost analysis on
11 what we're saving in potential tipping
12 fees into landfill as opposed to what
13 we'd be siphoning off from that
14 landfill cost to kind of compare it to
15 what our cost of purchasing equipment
16 and/or personnel would be?

17 MR. DAVENGER: Well, initially,
18 when we started recycling, we did do
19 that kind of analysis, and the analysis
20 was based on whether we would take the
21 program totally in-house or whether we
22 would do some with the Division of
23 Aviation staff and with some of our
24 contractors.

25 And when we looked at it, as

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2 Allen had mentioned, it would involve
3 purchasing compactors, additional
4 crews for (indiscernible) and grounds.
5 And at that time, the decision was
6 made for the outside hauling to be
7 done by contractors.

8 COUNCILMAN KENNEY: The only
9 problem with the outside hauling, even
10 though the number right now is -- it's
11 a comparatively low annual figure of
12 23,006, which is really not much in the
13 scheme of your budget; it's about \$382
14 a ton, which -- we get economies of
15 scale the more we collect and put into
16 that, even if it's a private hauler, do
17 we get -- does the tonnage price go up
18 or down the more we put into the
19 stream?

20 MR. DAVENGER: Well, it depends
21 on the quality of the material, you
22 know, that you take to the facility.

23 And, you know, at this point,
24 what we're hoping to do and what we're
25 looking to do to subsidize some of

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2 these costs, you know, we're trying --
3 we're looking to maybe generate some
4 advertising revenue from these
5 receptacles that we're using now to,
6 you know, pay for some of the
7 expensive programs as well as, since
8 we are with -- we finally did get a
9 contract with Blue Mountain, who, up
10 to now, was handling only residential
11 recyclable materials.

12 So we -- as a commercial
13 entity, we have a contract with them.
14 We're on the same -- I think they pay,
15 like 30 -- they pay so much per ton.
16 I don't know if it's \$30 per ton or
17 what the figure is exactly. So --

18 COUNCILMAN KENNEY: I'm sorry.
19 I don't understand that. Who pays \$30
20 per ton?

21 MR. DAVENGER: The Blue
22 Mountain facility.

23 COUNCILMAN KENNEY: Pays the
24 airport.

25 MR. DAVENGER: Well, they pay

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2 the City.

3 COUNCILMAN KENNEY: Yeah, \$30 a
4 ton for what they take out?

5 MR. DAVENGER: Yes.

6 COUNCILMAN KENNEY: Okay.

7 MR. DAVENGER: So we hope to,
8 you know, work some figures using those
9 numbers.

10 COUNCILMAN KENNEY: So
11 theoretically, the more we collect and
12 the more we ship off to a private
13 entity, the more money we make. So
14 it's a potentially money-making
15 venture.

16 MR. DAVENGER: Yes.

17 COUNCILMAN KENNEY: Now, on
18 Phase III, do you private, City, or a
19 combination of both in the hauling?

20 MR. DAVENGER: On Phase III,
21 again, you know, we're still having
22 discussions. You know, we do have a
23 subcommittee that's working on that
24 under the Green Airport Initiative, who
25 David Biddle is the chairman of, and

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2 we're looking at it very closely.

3 But in my mind, if it was up
4 to me, it would be a separate
5 operation; it wouldn't involved the
6 City at all.

7 COUNCILMAN KENNEY: Right. But
8 we could do the cost analysis to figure
9 out whether or not it makes any sense.

10 MR. DAVENGER: Yes, we could.

11 COUNCILMAN KENNEY: Okay.

12 Councilman Jones.

13 COUNCILMAN JONES: Thank you,
14 Mr. Chairman.

15 My line of questioning is on
16 the same not. And it's good to see
17 you, Mr. Isdell. We've shared a lot
18 of board rooms together.

19 I'd like to follow up by
20 saying: How long have we done
21 recycling and greening in one capacity
22 or another?

23 MR. DAVENGER: Good morning,
24 Councilman.

25 COUNCILMAN JONES: Good

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2 morning.

3 MR. DAVENGER: I've been
4 involved since about 19, maybe, 96.
5 But the airport has been involved
6 probably a little bit longer than that.
7 I believe their first study that they
8 had conducted was in 1994. We had a
9 study done by Urban to assess what our
10 waste stream looked at. You know, we
11 had people come in, they went through
12 the trash, they went through the
13 Dumpsters; they assessed what type of
14 commodities, what type of materials are
15 coming off of the airport. And so,
16 that's kind of when it got started at
17 the airport.

18 Now, since that time, we were
19 tied for a period of time to the
20 City's Recycling Office, and we had to
21 file a recycling program with them,
22 which we did do, again, in the late
23 1990s, and we were compliant with that
24 and we're still compliant as far as I
25 know with that.

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2 So I would say since late
3 1990s.

4 COUNCILMAN JONES: All right.
5 I saw testimony that we're generating
6 13,000 megawatts of windmill
7 electricity, 62 tons of cardboard.
8 We're beginning to use hybrid vehicles,
9 seven of which we have and three or
10 more are on order.

11 My question becomes, and I
12 think the spirit of what some of the
13 comments that Councilman Kenney
14 mentioned, is that if we are going to
15 take on these initiatives, we have to
16 do a cost-benefit analysis. My
17 question becomes: How much have we
18 saved by way of windmill power versus
19 what we would have paid in electrical
20 power?

21 MR. ISDELL: Well, that
22 particular example is an example where
23 we actually pay more to get the wind
24 power than we would pay normally. So
25 really, that was an investment in

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2 environmental stewardship rather than a
3 cost savings. At least at this point,
4 we don't project a savings.

5 COUNCILMAN JONES: The question
6 then becomes: What does it cost us to
7 generate 13,000 megawatts watts of
8 electricity?

9 MR. ISDELL: I don't have that
10 off the top of my head, but we could
11 certainly get that for you, Councilman.

12 COUNCILMAN JONES: That's an
13 important -- I mean, as we start to
14 move forward are as a city to start to
15 measure what the benefits and the cost
16 benefit analysis for these efforts, we
17 need to be real clear as we get on
18 tighter margins with our ability to
19 meet our budgets whether these
20 initiatives are, in fact, a effort to
21 save the world through greening or
22 cost-effective measures by which we
23 save our budget, so we need to really
24 take a look at that.

25 Same question for the

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2 cardboard: Do we gain money by
3 recycling these 62,000 tons of
4 cardboard, or does it cost us to do
5 the recycling?

6 MR. DAVENGER: Well, again, the
7 contracts that we were working with in
8 the past, we weren't receiving that
9 type of a benefit. With the contracts
10 we have now, we do expect to receive
11 benefit from cardboard that we take to
12 these processing facilities.

13 And ideally, you know, again
14 on the terminal side for recycling,
15 what we're looking to do is, you know,
16 we're looking to have shoots off the
17 terminal areas feeding compactor
18 units, which keep everything clean,
19 keep everything dry, keep the rodents
20 out.

21 We would like to have bailers
22 to bail the cardboard from the
23 warehouse from the maintenance
24 facilities so we have clean bails of
25 cardboard that can go to these

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2 facilities, and we can gets top dollar
3 for 'em.

4 So these are some of the
5 things that we would like to see
6 happening.

7 MR. ISDELL: If I can just add,
8 you know, a more direct answer.

9 I think that recycling -- of
10 all of the environmental initiatives
11 that we've looked at, the recycling
12 seems to have the most potential to
13 ultimately, if not become profitable,
14 at least to pay for itself, and some
15 of that depends on these economies of
16 scale that we're looking at that
17 Councilman Kenney referred to.

18 But in the interim, there may
19 be an initial investment that we have
20 to make, but we're already seeing,
21 somewhat to our surprise, the
22 airlines, now that they've seen the
23 receptacles in use and because Calvin
24 and his staff have been pretty
25 aggressively approaching them about

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2 not only recycling but things like
3 using ground-service equipment, you
4 know, the tugs and carts that drive
5 around. The airlines seem to be
6 receptive and desirous of joining us
7 in this program. So that's good news.

8 And I think, frankly, they
9 wouldn't be that interested if they
10 didn't see it as being economically
11 beneficial to them.

12 COUNCILMAN JONES: But as we
13 approach all of these various aspects,
14 and all of them are worthwhile, as I
15 read through your testimony,
16 worthwhile, we need to measure.

17 If a hybrid vehicle is
18 supposed to give us more gas mileage,
19 the question is, does it? I mean,
20 does it really?

21 And as we excuse me oil -- I
22 mean, gasoline, we need to measure
23 whether or not they're having the
24 benefits that they stated they would
25 have in the beginning.

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2 I understand about the
3 environmental carbon footprint
4 reduction of carbons, but by way of
5 efficiency in saving us gas and as
6 prices go up, we need to measure this.

7 Because your example can be
8 beta testing for the City of
9 Philadelphia. I mean, we can see what
10 savings you're able to make in that
11 particular department and decide
12 whether we're going to replicate it
13 throughout the types of vehicles,
14 whether or not the light bulbs are
15 actually reducing the kilowatts that
16 they say they are. And somehow
17 measuring that is as important as just
18 doing it.

19 So I would encourage you to
20 kind of do a cost-benefit analysis.

21 MR. ISDELL: Certainly. And I
22 can say, you know -- we're, you know,
23 along with the very enlightened
24 scrutiny that we get of our budget from
25 City Council every year, we have a

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2 double review. And the airlines, who
3 ultimately pay the lion's share of our
4 revenue stream, have the same incentive
5 that you're talking about. They will
6 from time to time -- and remember, a
7 lot of them have been in bankruptcy in
8 recent years.

9 They will from time to time
10 support environmental initiatives that
11 do not have immediate economic
12 benefits. But over the long haul,
13 they want to see the cost benefit, or
14 they will no longer support those
15 programs.

16 COUNCILMAN JONES: Thank you,
17 Mr. Chairman.

18 COUNCILMAN KENNEY:
19 Councilmember Brown.

20 COUNCILWOMAN BROWN: Thank you
21 very much, Mr. Chairman.

22 Good morning, gentlemen.

23 PANEL MEMBERS: Good morning.

24 COUNCILWOMAN BROWN: First let
25 me commend your leadership, Mr. Isdell,

1 5/5/08 - ENVIRONMENT - Res. 080089
2 on having a department that looks like
3 Philadelphia. It's always encouraging
4 to see leaders in various departments
5 have people of all stripes in positions
6 of leadership and responsibilities.
7 And I could not sit here and let that
8 go unnoticed.

9 Second of all, let me thank
10 you for your decision to allow the
11 Langston Hughes flags project to
12 happen at the airport and that space
13 being an art venue for work done by
14 area public, charter, and private
15 schools.

16 To my questions. One, in your
17 testimony under challenges and goal
18 for 2008, you indicate that you expect
19 to establish a passenger education
20 partnership. Discuss that briefly,
21 what that means and where that is.

22 MR. ISDELL: Calvin, can I
23 prevail upon you to respond to that,
24 please?

25 MR. DAVENGER: Good afternoon,

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2 good morning.

3 COUNCILWOMAN BROWN: Sure.

4 MR. DAVENGER: We found for the
5 most part that, especially when we were
6 experiencing a good deal of
7 contamination, that that was mostly
8 because people didn't understand what
9 they need to recycle and what they
10 didn't need to recycle.

11 With the current
12 (indiscernible) that we have now,
13 that's -- we have exhibits in and
14 around the recycling unit, which we
15 believe help people to understand what
16 recyclables are and what is not a good
17 recyclable type of product.

18 COUNCILWOMAN BROWN: So right
19 now --

20 MR. DAVENGER: And we also have
21 in the past -- and it's not ongoing, we
22 expect to have it ongoing. We do have
23 programs from time to time in the
24 public school system where we'll go in
25 and we'll talk to the students about

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2 recycling. We do have programs at the
3 airport on recycling and Earth Day,
4 where we bring in other environmentally
5 -- or other agencies also to help us
6 get the message across about recycling
7 and things which we can do to either
8 reduce, reuse, or recycle to help
9 reduce the waste streams.

10 COUNCILWOMAN BROWN: Do the
11 other agencies include City
12 departments?

13 MR. DAVENGER: Yes.

14 COUNCILWOMAN BROWN: Mr. Isdell?

15 MR. ISDELL: Yes, if I can
16 also -- specifically I think the item
17 that you're mentioning or that you're
18 referring to mentioned the
19 Transportation Security Administration
20 partnership?

21 COUNCILWOMAN BROWN: Yes,
22 mm-hmm.

23 MR. ISDELL: And that is an
24 area, if you remember a couple of
25 summers the imposition of the rule

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2 where you couldn't take liquids, more
3 than three ounces onto planes
4 resulted -- and it was kind of a
5 surprise announcement at the time --
6 that resulted in a great deal
7 particularly of bottled water
8 accumulating outside the checkpoint
9 area.

10 COUNCILWOMAN BROWN: That's
11 right.

12 MR. ISDELL: So we really have
13 two different things going on. There's
14 material that's confiscated by the TSA
15 right before you go through the metal
16 detectors. That is contraband that
17 they are responsible for, and they have
18 methods to dispose of that that we're
19 not totally privy to for security
20 reasons.

21 But now what we do have
22 outside before you enter what's called
23 the lanes where you show your boarding
24 pass --

25 COUNCILWOMAN BROWN: Mm-hmm.

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2 MR. ISDELL: -- we've
3 established a system where we do
4 recycle all of that liquid that's
5 disposed of by passengers at that
6 point.

7 And I think Allen Moore can
8 address that a little more
9 specifically 'cause I think that's a
10 very good improvement to the system we
11 had in the past.

12 MR. MOORE: Thanks, Charlie.

13 Yes, Councilwoman, a couple of
14 years ago, we did have a quite a
15 problem dealing with all of that waste
16 that was suddenly being disposed or
17 divested of by passengers just prior
18 to entering the security checkpoint.

19 And what we found was that the
20 majority of it was, as you could
21 imagine, plastic water bottles, soda
22 bottles, cans, things of that nature,
23 some glass. And really, the
24 contamination level of it wasn't too
25 bad other than the liquids in there.

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2 So through the help of our
3 custodial department, we did start
4 adding that material to our recycling
5 stream, and I would say that probably
6 accounts for of the majority of the
7 commingled plastic bottles, glass cans
8 that we do recycle at the airport
9 right now.

10 COUNCILWOMAN BROWN: The
11 program where you cite your involvement
12 with Philadelphia public schools, are
13 they public schools in the region? is
14 that system-wide? What is it?

15 MR. DAVENGER: They're pretty
16 much District of Philadelphia schools.

17 COUNCILWOMAN BROWN: So
18 principals on their own look to that
19 opportunity that exists at the airport?
20 I'm just trying to get a handle on --

21 MR. DAVENGER: Yes. Most
22 schools have a requirement that the
23 students have so much -- so many hours
24 of environmental education.

25 COUNCILWOMAN BROWN: Right.

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2 MR. DAVENGER: And so we will
3 talk to the principals of some of the
4 schools to try to come in the door to
5 lecture and help provide that
6 environmental training.

7 COUNCILWOMAN BROWN: So it's on
8 an interest basis; it's not something
9 that's stipulated by the School
10 District.

11 MR. DAVENGER: No.

12 COUNCILWOMAN BROWN: Okay.
13 That's what I'm trying to get a handle
14 on. Okay.

15 Last and final question: What
16 strategies do you see putting in place
17 to move the needle that's been
18 articulated by Chairman Kenney with
19 regards to the level of recycling?

20 MR. DAVENGER: Well, again,
21 we're getting more of these recycling
22 units to help to complete Phase II of
23 our recycling process.

24 COUNCILWOMAN BROWN: Okay.

25 MR. DAVENGER: Certainly with

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2 these in place in all of the concourses
3 and the public spaces, we would expect
4 to have more recycling materials.

5 Also, in July, we expect to
6 have contracts in place where we will
7 have compactors to handle the larger
8 volume of materials. Right now, we
9 have Dumpsters so we're going to
10 replace the Dumpsters with the
11 compactors.

12 And we are working, you know,
13 with the airlines, with American
14 Airlines and soon with USAirways, on
15 programs that they want to tie into
16 our recycling program, which also will
17 add to our recycling stream.

18 COUNCILWOMAN BROWN: The end
19 date for Phase II is when?

20 MR. DAVENGER: The end date for
21 Phase II. I don't have that.

22 MR. ISDELL: I'd like to answer
23 that if I may.

24 COUNCILWOMAN BROWN: Please.

25 MR. ISDELL: Our goal is to

1 5/5/08 - ENVIRONMENT - Res. 080089
2 have all seven terminals with recycling
3 bins by the end of this calendar year.

4 COUNCILWOMAN BROWN: Okay.

5 MR. ISDELL: And as I mentioned
6 in my testimony, I think we have enough
7 on order for half of the airport to be
8 covered. We now really just have one
9 of our seven concourses, B. We've got
10 bins on order for two other concourses,
11 and then I think a follow-up order that
12 hasn't gone out for bid yet that will
13 add at least one or two additional
14 concourses.

15 I think the big thing that
16 we're learning -- and I had to learn
17 this as well and I'm very interested
18 in what the BWI representatives may
19 teach us as part of their
20 presentation, but at least in our
21 environment -- and remember, every
22 airport is a little bit different in
23 terms of how it was built, how it was
24 constructed, how it's laid out.

25 And the centralized systems

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2 are a little bit easier in some
3 physical plants than they might be in
4 ours just simply because of the way
5 it's --

6 COUNCILWOMAN BROWN: It's
7 bigger.

8 MR. ISDELL: -- seven pier
9 terminals without a real central core.

10 COUNCILWOMAN BROWN: Sure.

11 MR. ISDELL: But what we found
12 is that there's really three elements
13 here. There's the collection of the
14 material and then it has to be hauled,
15 and at least in the City's current
16 setup, that's a separate contract with
17 Accurate Industries, I believe.

18 COUNCILWOMAN BROWN: Okay.

19 MR. ISDELL: So our staff
20 actually takes it from the recycling
21 containers to a Dumpster or compactor
22 on the air side of the airport. Then
23 it's hauled by a contractor.

24 And the final piece was, we
25 had to have a disposal facility on

1 5/5/08 - ENVIRONMENT - Res. 080089
2 contract to accept the recycled
3 material, and the City already had a
4 contract with a company called Blue
5 Mountain.

6 COUNCILWOMAN BROWN: I see.

7 MR. ISDELL: We had to -- it
8 took us some time to have the airport
9 added to that contract, and there are a
10 lot of reasons for that. Because Blue
11 Mountain felt that their contract was
12 really for residential type of material
13 recycling, they were a little bit leery
14 of adding the airport and also feeling
15 like somehow it might end up not being
16 economically feasible for them to
17 accept our waste.

18 So with that great help of the
19 Procurement Department, we got Blue
20 Mountain added to the contract, and
21 the agreement is that they're going to
22 monitor what they're getting from the
23 airport, I think, for a six-month
24 period?

25 MR. DAVENGER: Yes.

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2 MR. ISDELL: And then if they
3 feel like they can't handle it, we may
4 have to go back and do a new bid, but
5 these three steps are what was standing
6 between us and really getting an
7 airport-wide program going. So now I
8 think we have a system. Initially the
9 Blue Mountain processing seems to be
10 working fine.

11 So our next step is to get
12 these receptacles into all seven
13 terminals. And to handle that, we've
14 been adding some airport staff as well
15 to do that internal hauling out to the
16 airfield.

17 COUNCILWOMAN BROWN: Okay.

18 MR. ISDELL: (Addressing
19 Mr. Davenger.) Did I miss anything?

20 COUNCILWOMAN BROWN: Thank you
21 for your testimony.

22 MR. DAVENGER: And that's why I
23 was kind of reluctant to give a date,
24 because one of the hurdles we've had to
25 manage is restaffing. We have a

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2 certain class that's been assigned for
3 the recycling tasks, these semi-skilled
4 workers 'cause they have driver's
5 licenses and they can drive vehicles.
6 And it's taken a period of time to get
7 those individuals hired at the airport.

8 COUNCILMAN KENNEY:
9 Councilmember Rizzo.

10 COUNCILMAN RIZZO: Thank you.
11 I'd like to follow up on what
12 we were talking about earlier, and the
13 comment was that we don't have
14 compactors; we would have to add
15 additional personnel to do some of the
16 hauling.

17 Have you had a serious
18 conversation with the Streets
19 Department to see exactly where they
20 could fit into this program? I assume
21 they have some basic responsibility at
22 the airport to pick up a certain
23 amount of trash, like any other --

24 Well, you're shaking your
25 head, but maybe that conversation

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2 needs to happen to take advantage of
3 the Streets Department's personnel,
4 equipment, and contracts that are
5 already in place. So I would
6 appreciate it that you do engage with,
7 whether it's the Managing Director's
8 Office or the Streets Department, to
9 see how they can fit into the
10 challenge that you're explaining
11 today.

12 MR. ISDELL: I think that's a
13 great idea. And the good news is that
14 in our new organizational structure,
15 you're probably aware that I'm
16 reporting to the same person that
17 Commissioner Tolson is reporting to,
18 Rhina Cutler, the Deputy Mayor.

19 And, frankly, I have not had
20 that conversation, but Commissioner
21 Tolson was instrumental in encouraging
22 the Procurement Commissioner to add us
23 to the Blue Mountain contract, so to
24 that extent, we have exchanged some
25 information.

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2 I think Allen may have some
3 additional comment on that question.

4 MR. MOORE: Thank you.

5 Mr. Councilman, about a year
6 ago, I had such a conversation with
7 members of the Commissioner Tolson's
8 team in the Streets Department about
9 possibly utilizing the City Streets
10 Department recycling fleet to make
11 pickups at the airport.

12 And one of the big concerns
13 they had was really the scheduling,
14 whereas they would have to redirect
15 vehicles from their normal route of
16 residential pickups to swing by the
17 airport.

18 Right now, our airport
19 compactor vehicle picks up at the
20 terminals roughly every couple of
21 hours throughout the course the day.
22 Obviously, we don't like placing trash
23 just on the curbside; we need to keep
24 it contained. We generate trash 24/7.
25 So we do multiple pickups during the

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2 day.

3 So the Streets Department
4 thought that that was really at the
5 time a hardship for them to redirect,
6 again, redirect their vehicles to come
7 by and pick up. But right now, they
8 have no pickup responsibility at the
9 airport. We collect everything with
10 our compactor vehicle and, as I said
11 before, haul it over to the City's
12 waste facility.

13 Chairman Kenney did ask me
14 earlier about utilizing our vehicles
15 to haul the waste or the recyclables,
16 as opposed to having compactors on
17 site, and one of the differences
18 between our operation and the Streets
19 Department, where their vehicles are
20 picking up in residences over a large
21 area, really, are collection
22 operations are concentrated just in
23 one relatively small geographic area
24 at the airport.

25 So our goal was to centralize

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2 all of the collected materials into
3 compactors on the airfield that can
4 subsequently be hauled in bulk by a
5 vendor, particularly as we start
6 adding partners in the airlines in the
7 other agencies and start taking on
8 their recycling waste.

9 The goal was to centralize
10 that collection and then provide for
11 economies of scale by bulk hauling as
12 opposed to us making multiple trips
13 with our trucks.

14 COUNCILMAN RIZZO: Chairman
15 Kenney's question is what motivated me
16 to ask that. Could we get a
17 commitment, though? Because recycling
18 in the Streets Department has really
19 developed in the last year. Since that
20 initial conversation, more equipment,
21 more people, single-stream, so maybe
22 they could provide a service and lessen
23 the number of contracts necessary to be
24 supportive of what you do there.

25 So I would appreciate it if

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2 you at least would have that
3 conversation again to see if anything
4 has changed.

5 MR. MOORE: Yes, Councilman, we
6 can do that.

7 COUNCILMAN KENNEY: Thank you.
8 Thank you very much.

9 Councilmember Kelly?

10 COUNCILMAN KELLY: Thank you,
11 Mr. Chairman.

12 Mr. Chairman, I'd like your
13 permission to ask a question of
14 Mr. Isdell. It's not relevant to the
15 issue that we're discussing today, but
16 I thought since we have Mr. Isdell
17 here, that it's a great opportunity
18 for me to get this question out.

19 COUNCILMAN KENNEY: Sure,
20 please.

21 COUNCILMAN KELLY: And it has
22 to do with the service that you provide
23 for people who are injured or
24 handicapped or elderly people who have
25 a hard time walking from the terminal

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2 to the gates or from the plane to the
3 baggage compartment, the baggage area.

4 I would like to know, what are
5 the hours of operation for that
6 service?

7 MR. ISDELL: Are you referring
8 to wheelchair assistance?

9 COUNCILMAN KELLY: Yes.

10 MR. ISDELL: Or the cart
11 assistance?

12 COUNCILMAN KELLY: Yes.

13 MR. ISDELL: It actually
14 varies. The service is actually not
15 provided by the airport; it's provided
16 by your individual airline.

17 COUNCILMAN KELLY: Okay.

18 MR. ISDELL: And I'm not
19 sure -- I mean, most of the airlines
20 operate from approximately 6 in the
21 morning till about 11 at night, and I
22 would assume that they have staff to do
23 the wheelchair assistance for those
24 types of hours.

25 But some of the airlines don't

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2 have that much activity. Like
3 USAirways is two-thirds of our
4 passengers, Southwest is another 12
5 percent. Some of the others might
6 have such a small daily schedule that
7 the hours are limited.

8 The way that's supposed to
9 work is, when you make your
10 reservation, you actually make an
11 individual arrangement, a reservation
12 for someone to provide that assistance
13 from the airline. So it may not
14 actually work on a daily schedule; it
15 may be a case-by-case basis.

16 But we could certainly look
17 into that, unless one of the other
18 panelists knows the answer. I could
19 find that out for you and get back to
20 you.

21 COUNCILMAN KELLY: I wish you
22 would look into that because I know
23 these are scheduled flights. They're
24 flights that come in at 11 o'clock,
25 12 midnight, or whatever, and they do

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2 it daily.

3 The problem that I see is that
4 people, when they get off that plane,
5 they were told that there isn't any
6 service like that after, I think it's,
7 8 o'clock or 9 o'clock. Now, I guess
8 that was the individual airline that
9 put those hours in there.

10 But I think that we have to
11 provide that service for as long as
12 the people are going to need it, which
13 it means that their flight may not
14 arrive until midnight and they're on
15 their own.

16 Evidently, the airlines, they
17 don't have to do anything.

18 MR. ISDELL: Right. We do
19 have -- we have an ADA committee that
20 meets monthly, and this issue has been
21 a topic at a lot of those meetings. We
22 have established a -- like a help line
23 for people to call, because the most
24 frequent comment we get is they can't
25 reach anybody at the airline.

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2 COUNCILMAN KELLY: Well, I
3 would recommend that the airlines pitch
4 in in saying okay, that we could
5 provide the service if anyone calls a
6 number and then maybe have a cart sent
7 out to that gate to bring those people
8 in the baggage areas. Maybe they can
9 share that cost after 8 o'clock at
10 night or 9 o'clock at night, whatever
11 it is.

12 Because this is a problem.
13 There are a lot of people who travel
14 and don't arrive until probably 10,
15 11, 12 midnight, or after.

16 MR. ISDELL: You're absolutely
17 right. And the percentage of people
18 that are seniors who travel has
19 increased dramatically in recent years.

20 COUNCILMAN KELLY: Yes, that's
21 true. And the carters aren't getting
22 any smaller; they're getting longer and
23 longer. So I would appreciate anything
24 you can do in that regard.

25 MR. ISDELL: Thank you very

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2 much, Councilman.

3 COUNCILMAN KELLY: Thank you.

4 Thank you, Mr. Chairman.

5 COUNCILMAN KENNEY: So what
6 would you believe would be our
7 anticipated recycling rate with the
8 concourse recycling fully implemented
9 by this time next year? Do you have a
10 number in mind?

11 MR. ISDELL: Well, I would like
12 to -- if we're looking at two-and-a-
13 half percent really with one concourse,
14 and that concourse wasn't even up and
15 running until this year, so the
16 two-and-a-half percent was for 2007.

17 I mean, I would like to shoot
18 for a double-digit number, at least
19 10, but I don't want to put Calvin
20 into a possible situation.

21 (Addressing Mr. Davenger.) Do
22 you think that's reasonable?

23 MR. DAVENGER: Yes, sir.

24 COUNCILMAN KENNEY: Very good.
25 Thank you.

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2 MR. ISDELL: And that certainly
3 won't be the end, Mr. Chairman.

4 COUNCILMAN KENNEY: Okay.
5 Thank you very much for your testimony.

6 Mr. Edwin Maker and
7 Mr. Richards Keller.

8 (Witnesses come forward.)

9 COUNCILMAN KENNEY: Good
10 morning. And thank you for coming up
11 to see us, and please identify yourself
12 for the record and proceed with your
13 presentation.

14 MR. KELLER: Mr. Chairman,
15 thank you very much. My name is
16 Richard Keller. I'm the Manager of
17 Recycling for the Maryland
18 Environmental Service.

19 MR. MAKER: Good morning.
20 Edwin Maker, Contract Manager.

21 COUNCILMAN KENNEY: Good
22 morning. Please proceed.

23 MR. KELLER: What we'll do this
24 morning is to walk you through a
25 presentation that we put together and

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2 that we have used in a number of
3 presentations around the country
4 outlining the basics of our program and
5 then take whatever questions that you
6 might have on the program.

7 COUNCILMAN KENNEY: Thank you.

8 MR. KELLER: And we'll try and
9 walk through these slides relatively
10 quickly, so if we can go onto the next
11 slide.

12 Maryland Environmental Service
13 is a state agency and a not-for-profit
14 corporation. We've been in business
15 since 1970. We do just about
16 everything that you can imagine in the
17 environmental field. Most notably, we
18 do water and waste-water projects; we
19 run a number of those facilities
20 around the state. We do dredging
21 projects and pretty much everything in
22 the solid-waste field.

23 Our program with the Maryland
24 Aviation Administration has been in
25 existence since 1995. We work with

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2 Baltimore-Washington International
3 Thurgood Marshall Airport and Martin
4 State Airport, which is a much smaller
5 airport, with their recycling
6 projects.

7 And I would say, for the
8 purposes of our discussion this
9 morning, most of what we're going to
10 be talking about is what is happening
11 at BWI.

12 At BWI, we have 33 front-end
13 containers on the airfield and cargo
14 ramp for corrugated plastic and
15 aluminum, and the corrugated now
16 includes a whole group of other paper
17 products. And we also have 43
18 recycling containers inside the
19 terminal for passengers. And we'll
20 see examples of both of those
21 containers.

22 Under our agreement with the
23 Maryland Aviation Administration,
24 these are the things that the Maryland
25 Environmental Service does.

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2 Number one, we analyze the
3 material in the solid-waste and
4 recycling containers twice a month, so
5 we are actually out on the airfield
6 twice a month looking at every trash
7 container and every recycling
8 container. So we are seeing what the
9 flow is and what kinds of materials
10 are there.

11 We also have been doing for
12 several years now a weekly inspection
13 of one compactor from the airfield.
14 For those of you who have ever looked
15 inside a compactor, the problem is
16 that the area that you're looking at
17 is probably no bigger than the desks
18 that we're sitting at.

19 So in order to try and give us
20 a better picture of what's actually
21 coming into the trash compactors, we
22 actually go to Allied, which is our
23 hauler. They actually dump the
24 material out on their tipping floor,
25 and we actually look at and take

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2 pictures of what is happening in the
3 airfield.

4 We make recommendations on
5 improvements to the program; that's an
6 ongoing process. We discuss the
7 program at monthly tenant meetings,
8 which not only includes food and
9 retail vendors but also includes the
10 airlines. We have meetings with
11 tenants to involve them as partners
12 with the program. We've done a number
13 of programs with employee training.
14 We do monthly reports, including the
15 recycling rate, and we look at areas
16 of purchases of environmentally
17 preferrable products.

18 Next. This particular slide
19 is an example of one of the areas of
20 at the airport, and what you see is
21 that most of the trash compactors have
22 shoots that come from the terminal
23 itself that go directly into those
24 compactors, and then the white units
25 that you see are the recycling

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2 containers for paper or containers.

3 And those are the ones that we

4 mentioned earlier that are located

5 throughout the airport.

6 Some of the products that are

7 being recycled: We're doing OCC, and

8 I was at a hearing the other day where

9 somebody asked me what OCC was. So

10 OCC is old corrugated containers; ONP

11 is old newspaper and paper. Aluminum,

12 glass and plastic, scrap metal, tires,

13 fluorescents, grease, yard debris, and

14 we are expecting later this month to

15 begin our program for food composting.

16 Now, I mentioned the program

17 that we do where we actually look in

18 the compactors themselves, and these

19 are some examples, and I will state to

20 amplify the point that these were

21 earlier in the program, but this is an

22 indication of what we actually saw in

23 some of the compactors.

24 This is one of my favorites

25 slides 'cause it shows you that

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2 somebody went through all the trouble
3 to fold the cardboard up and make it
4 nice and neat, and then they didn't do
5 the last step, which is putting it in
6 the recycling container as opposed to
7 the compactor.

8 Another example: Same thing,
9 where somebody again went to the
10 trouble of breaking the boxes down,
11 which is usually the more difficult of
12 the problems, and yet it still ended
13 up in the compactor.

14 This is one of those areas
15 that we're constantly trying to work
16 with the airlines on, and that is the
17 area of the magazines that are
18 generated each month and end up being
19 unsold. It's a significant problem
20 because, as you can see -- and this is
21 from one of the compactors -- there's
22 probably a dozen packages that are
23 visible there and, as you can see,
24 they're still in their original
25 containers and have not been recycled.

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2 COUNCILMAN KENNEY: I'm sorry.

3 Is that retail newsstands?

4 MR. KELLER: No, no. This is
5 the material that's coming -- this is
6 your monthly whatever the name of the
7 magazine is that you would get off of
8 one of the airlines.

9 COUNCILMAN KENNEY: And they
10 were throwing that away?

11 MR. KELLER: And they were
12 throwing that away, yes. And that's
13 still a constant battle that we're
14 working on.

15 Some of the recycling numbers.
16 We went from, as was mentioned in the
17 beginning of the testimony this
18 morning, 4-3/4 in February of 2004.
19 Most of our increases have been in the
20 area of old corrugated containers.
21 This past year, 27.33 percent, and we
22 have met the state recycling goal for
23 more than three years.

24 We've put this slide in. This
25 is something that we've been doing

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2 more recently in our presentations is,
3 what it is that has made the effort at
4 BWI Thurgood Marshall unique? We
5 don't have any magic formulas. We
6 don't have anything that we've done, I
7 don't think, that's any different than
8 what other airports are doing, but we
9 really think there's three keys to the
10 success.

11 Number one is the partnership
12 among all the key players at the
13 airport, and we'll talk about that
14 partnership in just a moment.

15 Continual training of
16 employees.

17 And then the third area is,
18 Maryland Aviation Administration
19 controls everything, both solid-waste-
20 and recycling-related. So in other
21 words, they are in control of all of
22 the waste, so it's not something that
23 we have to go to each individual
24 airline, each individual tenant; they
25 all share the same facilities that you

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2 saw earlier.

3 Partnership, we think, is
4 really the key to all of this, and
5 when we talk about some of the awards
6 that we've won, you'll notice the word
7 "partnership" comes back into play
8 again.

9 Maryland Aviation
10 Administration obviously is the agency
11 that runs the airport.

12 BAA is the tenant-manager of
13 the airport that manages the stores
14 and the food concessions; they've been
15 very actively involved in the program
16 with us.

17 Allied, who is our local
18 hauler, has been very helpful in terms
19 of making the program work.

20 The tenants, including the
21 airlines, have been involved in this
22 particular program.

23 I wanted to mention, in
24 response to some of the questions that
25 came up earlier about what's happening

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2 at BWI, the airlines are able to use
3 the recycling containers that you saw
4 earlier, so they have the ability to
5 do that. We also, much like what you
6 heard from here in Philadelphia, we
7 are now beginning to have the airlines
8 come to us to expand the recycling
9 programs.

10 We've met recently with both
11 Delta and AirTran, and we've also
12 found out that Southwest Airlines has
13 an existing program where they've been
14 doing both corrugated and aluminum,
15 and we're now starting to capture
16 those numbers, which we can then fold
17 into our recycling program.

18 One of the things that you
19 have to recognize when you're looking
20 at getting airlines to participate is
21 that one of the things that they're
22 struggling with and they're trying to
23 deal with is that every airport's
24 recycling program is different, every
25 airport's configuration is different,

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2 and as they're trying to roll out
3 programs, they're trying to figure out
4 the programs at each particular
5 location so that they know how to
6 recycle at that particular facility.

7 So that's one of the
8 challenges that we're working with the
9 airlines on is that, for example, both
10 Delta and AirTran are very active in
11 Atlanta but their programs in Atlanta
12 are going to be different from what
13 they are at BWI just simply by the
14 configuration of the airport, the way
15 that we manage the waste, et cetera.

16 Chimes is our company; it's a
17 developmentally-disabled group that
18 does our cleaning pickups.

19 Midpoint International is the
20 one that manufactured the containers
21 inside the terminal, which we'll see a
22 little bit later.

23 And then, as I mentioned,
24 Maryland Environmental Service, with
25 our efforts, to provide the technical

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2 assistance.

3 One of the things that we've
4 been able to see is the reduction in
5 our cost in the area of \$15,000 a
6 month through reduced landfilling,
7 making sure that all of our containers
8 that are going out to be recycled are
9 full, are going to landfiller-full.
10 Because we're getting corrugated out
11 of the waste stream, it means less
12 compactor maintenance, and we're also
13 seeing revenue from the sale of the
14 materials.

15 We've been fortunate enough that
16 we have received, as you see from this
17 particular slide, awards from both the
18 Maryland Recyclers Coalition and the
19 National Recycling Coalition.

20 We currently have a grant from
21 EPA Region III to expand the program,
22 and I should mention that the grant
23 that we have from EPA also includes
24 regional cooperation within the
25 Mid-Atlantic area, and we have been

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2 working for some time now with
3 Philadelphia Airport with their
4 recycling program. I've had numerous
5 conversations with David Biddle and
6 others. We've been to a couple of
7 their meetings. David's had a chance
8 to come down and tour our facility.

9 So one of the things that's
10 happening is, there's a lot of
11 cooperation that's going on between
12 Baltimore and Philadelphia in this
13 area.

14 Media-wise, we've had a number
15 of articles on the program in some of
16 the local media. Edwin and I had
17 about our ten seconds' worth of fame.
18 We were on CNN right after Christmas a
19 year or so ago. And when I say we had
20 our ten seconds, I think that's about
21 what we ended up. But we've also
22 gotten some local media coverage, as
23 you can see here.

24 A number of programs. We're
25 getting calls -- Edwin was mentioning

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2 to me this morning that we're getting
3 more and more calls from airports.
4 This list may, in fact, not be
5 complete, but it just gives you some
6 idea of some of the airports that
7 we've had questions from.

8 We've also looked at the area
9 of buying recycled products to make
10 sure that we're creating marks for the
11 materials. This includes office
12 paper, tissue, and towel products, the
13 collection containers that you're see
14 in a few moments, and then another
15 product called TreadSpread, which I'll
16 mention very briefly.

17 This is a program -- Maryland
18 Environmental Service up until, I
19 believe it was, December ran a program
20 where we actually made products out of
21 recycled tires. We have since sold
22 that plant, and I understand the new
23 operator is going to be doing that
24 very shortly again. But you can see
25 some of the things that we were able

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2 to do with it.

3 This is a playground that is
4 near the area, where people have a
5 chance to go to the playground or
6 to -- it's more of an area where
7 people go watch the airplanes take off
8 and land.

9 This is at Martin State
10 Airport, and they are extremely happy
11 with this particular product, a rubber
12 mulch product that they use around
13 mulch around trees. And in the next
14 slide, you'll see that it's around
15 trees and shrubbery in the area.

16 This is the recycling
17 container that we have throughout the
18 terminal. A couple of things that
19 I'll mention that I think are critical
20 about this.

21 Number one -- and it's
22 probably not visible from the slide,
23 but on the left-hand side, there is a
24 trash slot, and I think one of the
25 things that you need to make sure of

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2 anytime you're doing a recycling
3 program is that the recycling and the
4 trash containers are in close
5 proximity, because otherwise, you're
6 going to have a cross-contamination
7 problem.

8 The second thing -- and,
9 again, it's probably not visible here,
10 but there is also a Spanish
11 translation of this, and that's
12 another area that I think they did a
13 real nice job on.

14 This particular slide just has
15 some information on how to find more
16 information on the program.

17 And the last slide is simply
18 information on how to get hold of
19 Edwin and I either by phone or by
20 e-mail if people have particular
21 questions.

22 But again, I think, to
23 summarize what we have done, I think
24 the three things that really make this
25 program important are the fact that

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2 we've had the partnerships with all of
3 the different groups at the airport,
4 that we've had the consistent and
5 ongoing training, and number three,
6 that Maryland Aviation Administration
7 has control over both the solid waste
8 and recycling, and it's not something
9 we need to go to each individual
10 tenant and each individual airline in
11 order to do that.

12 Once again, our thanks for
13 inviting us this morning.

14 I know the folks from the
15 airport are aware of this, but I'll
16 restate it, that Edwin and I are
17 certainly available for whatever we
18 can do to share what we've done at
19 BWI, and I'm sure, as time goes on,
20 that as programs develop at other
21 airports that we're going to learn
22 some things from them that will help
23 us with what we're doing at BWI.

24 I think the thing you have to
25 recognize again is that this is not a

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2 Baltimore and a Philadelphia issue;
3 this is something that is consistent
4 throughout the airline industry.

5 And one of the things that
6 I'll close with is, is that I often
7 remind people that an airport is like
8 a small city. In fact, BWI itself is
9 actually its own zip code.

10 And one of the things you have
11 to realize is that, much like any
12 small city, you have very distinct
13 waste streams. You have a residential
14 stream, which is basically what the
15 passengers are bringing in or getting
16 at the airport that they need to deal
17 with. You have a commercial stream
18 from the food vendors and the retail
19 establishments. And then you have the
20 material that's actually coming off
21 the airplane.

22 So it's a management issue
23 that you need to look at as to how do
24 you manage all three of those
25 different streams.

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2 So, once again, our thanks for
3 inviting us up here, and we're more
4 than happy to not only answer
5 questions today but provide whatever
6 assistance we can with the program.

7 COUNCILMAN KENNEY: Great.
8 Thank you very much for your testimony,
9 and it's very concise and informative.

10 And the Chair recognizes
11 Councilmember Jones.

12 COUNCILMAN JONES: Thank you.
13 Thank you for your testimony.

14 Particularly revolving around
15 the recycling of tires, I saw that you
16 use some of the -- you had a tire
17 plant --

18 MR. KELLER: Correct.

19 COUNCILMAN JONES: -- that you
20 sold.

21 MR. KELLER: Correct.

22 COUNCILMAN JONES: What were
23 some of the by-products other than the
24 recreational playground usage?

25 MR. KELLER: We did some

1 5/5/08 - ENVIRONMENT - Res. 080089
2 programs with sports fields, where we
3 were able to use that material to
4 protect the turf so that when it rained
5 and somebody came across the field in
6 cleats and things like that, the turf
7 didn't get broken up.

8 Tires are actually doing a
9 whole group of projects beyond even
10 what we did in that particular
11 facility. The TreadSpread that you
12 saw there was probably the biggest
13 product. The second one was the
14 things that we use for the various
15 turf fields. Some of those were
16 artificial turf fields, some of those
17 were natural turf fields.

18 Some of the tires that are
19 being managed across the country are
20 going into, you know, burning plants,
21 you know, they're being used as a fuel
22 source. And there's a lot of
23 engineering things that are going on
24 with tires.

25 So I guess what I'm trying to

1 5/5/08 - ENVIRONMENT - Res. 080089
2 say is, it's beyond even what we are
3 doing at our plant. Ours was
4 predominantly the TreadSpread, which
5 was basically a mulch-type and the
6 stuff that we were doing for the
7 sports fields.

8 COUNCILMAN JONES: A couple of
9 questions then.

10 Have you heard of the reuse of
11 those ground tires being used as a
12 patch for streets?

13 MR. KELLER: There are a lot of
14 programs that are being looked at as
15 far as tires are concerned and a
16 variety of other kind of kinds of
17 products. And, you know, there
18 certainly are places where they're
19 being used as, you know, as patchwork,
20 there are places that they're being
21 used on roads.

22 To be honest with you,
23 Councilman, I haven't really tracked
24 it recently to know what the current
25 state of the technology is. But, yes,

1 5/5/08 - ENVIRONMENT - Res. 080089
2 there's a lot of different uses that
3 are being made from the tires.

4 COUNCILMAN JONES: The point
5 being that it's a derivative of oil.
6 Oil has gone up exponentially. One of
7 the increased costs to the City of
8 Philadelphia is street repair, which
9 also uses that derivative of oil, and I
10 was wondering if, in fact, they made
11 the connection of tire recycling to
12 patchwork yet.

13 MR. KELLER: I don't know that
14 they've made that connection in the
15 current dramatic increases that we've
16 seen in the cost of fuel. But, I mean,
17 certainly, there are a lot of people
18 around the country that are looking at
19 what are the options in terms of using
20 tires and how they might be used.

21 COUNCILMAN JONES: And,
22 finally, last question. You talked
23 about grease and recycling of that?

24 MR. KELLER: Yes.

25 COUNCILMAN JONES: How did you

1 5/5/08 - ENVIRONMENT - Res. 080089
2 dispose of it or what did you use that
3 grease for?

4 MR. KELLER: The grease, again
5 as I understand it, I mean, the grease
6 is basically coming from -- like most
7 airports, BWI has a large number of
8 food vendors that exist within the
9 airport. My understanding at this
10 point is, is that material is going as
11 a fuel, but that certainly is better
12 than it going into the waste stream.

13 COUNCILMAN JONES: Yeah, that's
14 my point. I just saw recently -- it
15 might have been this Sunday, they were
16 talking about recycling fries grease
17 from fryers to make fuel. So I wanted
18 to know if you were using it.

19 MR. KELLER: That's my
20 understanding, that it's going as a
21 fuel source.

22 COUNCILMAN JONES: Thank you.

23 COUNCILMAN KENNEY: Thank you
24 very much.

25 Any other questions for this

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2 witness?

3 (No further questions.)

4 COUNCILMAN KENNEY: Thank you
5 for coming up and for the information.
6 We appreciate.

7 MR. KELLER: It's our pleasure.

8 COUNCILMAN KENNEY: Thank you.

9 Christine Knapp, PennFuture.

10 (Witness comes forward.)

11 COUNCILMAN KENNEY: Hi.

12 MS. KNAPP: Hi.

13 COUNCILMAN KENNEY: Please
14 identify yourself for the record.

15 MS. KNAPP: My name is
16 Christine Knapp. I am the Eastern
17 Pennsylvania outreach coordinator for
18 PennFuture. PennFuture is a statewide
19 environmental advocacy organization
20 with offices in Pittsburgh, Harrisburg,
21 West Chester, and here in Philadelphia.

22 I'm also on the Mayor's
23 Recycling Advisory Committee and a
24 partner in the Green Airport
25 Partnership. I'm also the coordinator

1 5/5/08 - ENVIRONMENT - Res. 080089
2 for the local Next Great City
3 Initiative, which did make
4 recommendations around improving
5 recycling in the City of Philadelphia.

6 I want to thank City Council,
7 and Councilman Kenney in particular,
8 for setting up this hearing to explore
9 recycling at the airport.

10 The airport does set a tone
11 for the City. Obviously, it's the
12 gateway to our city for many
13 travelers. While the City is
14 currently the second-worst city in the
15 country in terms of our recycling
16 rate, and as the second worst city, we
17 are used to not having recycling at
18 most of our large cities, but for most
19 travelers who are coming from other
20 cities and from other countries where
21 their recycling programs are
22 everywhere, it really is quite
23 astounding to travelers when they come
24 off an airplane and they have paper or
25 plastic bottle and are not able to

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2 immediately find a recycling bin
3 that's.

4 And that's one of the first
5 things that people are experiencing
6 when they come to visit our city is
7 the inability to recycle, which sets
8 the tone for them for the rest of
9 their trip.

10 They also have to take a train
11 and see all the trash on the railroads
12 on their way into Center City, but
13 that's another topic for another day.

14 I do want to address some of
15 the comments that Councilman Jones was
16 making in terms of the money situation
17 in these initiatives.

18 One of the reasons why the
19 Next Great City Initiative recommended
20 recycling is because it is actually a
21 cost-effective practice as well. The
22 shifts in the international markets in
23 recycling have changed. India and
24 China are now expanding rapidly and
25 need natural resources. They are

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2 paying top dollar for recyclables.

3 And that has changed the recycling

4 markets; thus, it's now cheaper to

5 recycle. Someone mentioned earlier

6 that Blue Mountain pays about \$32 a

7 ton for recycling while we're also

8 avoiding landfill costs.

9 So recycling is an area within

10 the terms of environmental initiatives

11 where money is being saved. The City

12 itself saves around \$2 million a year

13 through recycling, and that the City

14 Controller also said that if we

15 increase our recycling rate

16 dramatically, the City itself can save

17 upwards of \$17 million a year in

18 recycling.

19 But that's not the only reason

20 to do something like a recycling

21 program. The cost of not doing

22 something is really what I want to

23 emphasize. We obviously have global

24 warming looming, you know, as a threat

25 for us. We also, as you have

1 5/5/08 - ENVIRONMENT - Res. 080089
2 mentioned, have economic problems and
3 energy crisis. The cost of not doing
4 something is what needs to be
5 considered more. I mean, what does it
6 cost upfront to do something, 'cause
7 the long-term benefits of recycling,
8 of wind energy purchase, of a lot of
9 the other initiatives at the airport
10 and others are taking on we really
11 can't quantify.

12 And I just want to caution
13 against the idea of doing studies to
14 find out what the cost is going to be
15 upfront versus not doing something
16 because we have information from other
17 cities, we obviously just saw best
18 practice from another city. We know --
19 we have information, we have data.

20 And I just -- I think that the
21 time -- we have the information, we know
22 what the economics are. The time to
23 take action is now, because, again, the
24 cost of not doing anything is going to
25 be far greater than doing anything.

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2 In working with the Green
3 Airport Partnership, I've noticed that
4 it seems that the largest stumbling
5 block in getting an effective recycling
6 program going at the airport seems to be
7 cooperating in terms of the logistics of
8 the various vendors, the terminals
9 themselves. It seems to be a
10 complicated system, but it's not
11 something that -- we can overcome it
12 basically.

13 The Green Airport Partnership
14 working group has been looking at it,
15 David Biddle has been leading that
16 effort to take a look at how the
17 existing program functions, how it can
18 be improved, how it can be streamlined.
19 The cooperation needs to be found among
20 all of the groups. And having Council's
21 leadership and having leadership from
22 within the airport's department itself
23 really will help make sure that the
24 cooperation happens and that all of the
25 groups work together.

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2 I know that there's a lot of
3 other people waiting to testify on
4 another bill, so I'm going to keep it
5 short and take any questions that you
6 might have.

7 COUNCILMAN KENNEY: Thank you.

8 Councilman Jones?

9 COUNCILMAN JONES: Thank you
10 for that testimony.

11 And I don't want you to
12 misconstrue my interest in measuring,
13 managing, and quantifying with not
14 being supportive or the cost of -- the
15 opportunity cost of not doing
16 something for our environment.

17 There was a interesting
18 commercial that was on, and it was a
19 young person talking to a grizzled CEO
20 about recycling efforts for the
21 economy. And at one point, he was
22 listening but not listening to the
23 recycling efforts and what the company
24 was doing based on this young
25 fire-brand executive. And then all of

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2 a sudden, what she did was she, put up
3 a paper and said how much the company
4 was saving and that got his attention.

5 MS. KNAPP: Right.

6 COUNCILMAN JONES: And he was,
7 like, in love with the idea of
8 recycling.

9 And I believe we're getting to
10 that equilibrium point. As fuels cost
11 more, as energy cost more, we're
12 beginning to see this as not something
13 for the environment but something to
14 protect and preserve the bottom line
15 for companies and organizations like
16 the airport.

17 So if we don't start
18 measuring, we can't manage the
19 difference between what some of the
20 presentations are is that the bottom
21 line of what the recycling efforts at
22 BWI was, was \$15,000 a month --
23 measured, stated, and a part of the
24 financials of the airports.

25 So that's my only comment.

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2 MS. KNAPP: No, I absolutely
3 agree that that's another piece and
4 another argument to be made for
5 recycling and a lot of other things.
6 And, you know, just to give you the
7 context, PennFuture's tagline is:
8 Every environmental victory grows the
9 economy.

10 So we do absolutely get that
11 point.

12 COUNCILMAN JONES: There you
13 go.

14 MS. KNAPP: But there are some
15 things that you can't quantify, and
16 that was my point.

17 COUNCILMAN JONES: I
18 understand.

19 MS. KNAPP: We want as much
20 data as we can to support our
21 arguments, but there are some things
22 that you have to do and just see the
23 results down the line. You'll see
24 benefits you didn't even expect in a
25 lot of cases.

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2 COUNCILMAN JONES: Thank you.

3 COUNCILMAN KENNEY: Thank you
4 very much for your testimony.

5 Is there anyone else to
6 testify on this resolution, about
7 recycling at the airport?

8 COUNCILMAN KELLY: Mr. Chairman?

9 COUNCILMAN KENNEY: Councilman
10 Kelly.

11 COUNCILMAN KELLY: Miss Knapp.

12 COUNCILMAN KENNEY: Christine.

13 COUNCILMAN KELLY: Just a short
14 question. Thank you, Mr. Chair.

15 It has to do with, of course,
16 the startup cost of putting in a
17 recycling program and whatnot. What,
18 in your opinion -- how long does it
19 take before we start seeing a benefit,
20 seeing a cost savings to justify a
21 recycling program to begin with?

22 MS. KNAPP: I really wouldn't
23 be able to put a timeline on it. I'm
24 not a waste consultant. There are
25 people in the audience who may be able

1 5/5/08 - ENVIRONMENT - Res. 080089
2 to answer that question, but it has
3 been mentioned that there is a scale of
4 economy, that the more you do, you
5 know, the more recycling that you have
6 going, the more money you save.

7 So, again, I urge not small
8 steps but big actions, a big rollout
9 of the campaign, because the more you
10 get in terms of material, the more you
11 will save.

12 And that cooperation is
13 important for that reason, because
14 you're only getting a small amount of
15 tonnage from one vendor and another
16 small amount from another vendor, and
17 they're all doing their own contacts
18 with their own waste haulers. They're
19 not going to realize the kind of
20 economic savings that if they all
21 cooperated together and had a large
22 amount of tonnage, you know, a more
23 effective system of collection and
24 disposal, that would obviously result
25 in greater economy.

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2 COUNCILMAN KELLY: Yeah, the
3 larger, the better.

4 MS. KNAPP: Right.

5 COUNCILMAN KELLY: And that
6 would --

7 MS. KNAPP: But I wouldn't be
8 able to give you a timeline. I think
9 some other people could --

10 COUNCILMAN KELLY: All right
11 thank you.

12 Thank you, Mr. Chair.

13 COUNCILMAN KENNEY: Thank you
14 very much.

15 Anyone else to testify on the
16 recycling airport resolution.

17 (No response.)

18 COUNCILMAN KENNEY: Thank you
19 very much.

20 * * *

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1 5/5/08 - ENVIRONMENT - Res. 080266

2 COUNCILMAN KENNEY: The next
3 resolution is Resolution 080266,
4 calling on the Committee on the
5 Environment and the Committee on
6 Commerce and Economic Development to
7 hold joint hearings on adopting a Green
8 Job Corps to help Philadelphia create a
9 qualified, trained workforce to support
10 local green businesses and contractors.

11 Is there a representative from
12 the Administration here to testify?

13 (Witnesses come forward.)

14 COUNCILMAN KENNEY: Good
15 morning.

16 MR. BUMB: Good morning,
17 Mr. Chairman.

18 COUNCILMAN KENNEY: Please
19 identify yourself for the record.

20 MR. BUMB: Pardon me?

21 COUNCILMAN KENNEY: Please
22 identify yourself for the record.

23 MR. BUMB: Yes. My name is
24 Duane Bumb, the Deputy Director of
25 Commerce, and I'm appearing here today

1 5/5/08 - ENVIRONMENT - Res. 080266
2 to provide testimony in support of
3 Resolution 080266, calling on the
4 committee to hold joint hearings on
5 adopting a Green Job Corps program.

6 By the way, I've got copies of
7 my testimony if you don't have it up
8 there.

9 COUNCILMAN KENNEY: Please.

10 MR. BUMB: Integrating the
11 Green Job Corps program into the City's
12 sustainable development strategy will
13 place Philadelphia among a handful of
14 other cities in the nation leading the
15 change against climate change -- or
16 leading the charge against climate
17 change and addressing our global energy
18 shortage.

19 In the summer of 2007, the
20 City of Oakland voted to fund its
21 Green Job Corps program with a
22 \$250,000 seed grant. Cities that have
23 followed suit include Chicago,
24 Washington, D.C. and New York. The
25 program offered by each of these

1 5/5/08 - ENVIRONMENT - Res. 080266
2 cities carry a twofold agenda: Number
3 one, to prepare a competent workforce
4 to participate in the green economy;
5 and, number two, to offer pathways out
6 of poverty to at-risk and low-income
7 individuals.

8 The green-collar jobs are
9 defined in the 2008 Sustainable
10 Business Network Report, "Building A
11 Green Economy," as blue-collar jobs
12 within organizations whose products,
13 services, and business practices
14 promote environmental health.

15 There are a substantial number
16 of skilled professionals who currently
17 work in Philadelphia and fulfill the
18 existing demand for green services and
19 technologies. These are the
20 professionals who build green
21 buildings such as the Comcast Tower,
22 install solar panels such as
23 seven-acre solar array at the Navy
24 Yard, and construct green roofs, as
25 demonstrated by the Water Department's

1 5/5/08 - ENVIRONMENT - Res. 080266
2 issuance of permits for over four
3 acres of green roofs in the City, and
4 the existing roofs at the School
5 District's School of the Future and on
6 the City's Forensic Science Center.

7 There is a clear recognition
8 within the City that the green market
9 sector will continue to grow. For
10 example, in recognition of the market
11 potential for solar energy and to
12 ensure that the City's workforce is
13 prepared to respond, the City applied
14 for, and was recently named, one of
15 the 12 solar American cities by the
16 Department of Energy. With that
17 \$200,000 award matched by \$50,000 in
18 City dollars, \$45,000 in private
19 dollars, and over \$175,000 of in-kind
20 contributions from key stakeholders,
21 the City will assemble a task force to
22 ensure that the City's workforce is
23 ready to meet the growing demand for
24 solar energy.

25 A hallmark of Mayor Nutter's

1 5/5/08 - ENVIRONMENT - Res. 080266
2 plan for making Philadelphia America's
3 greenest city is to invest in local
4 energy-efficient industries. The
5 Green Job Corps program offers not
6 only a vehicle for developing the
7 workforce needed to meet the
8 employment demand of these industries
9 but also addresses concerns of many of
10 our neighborhoods that continue to
11 struggle economically.

12 Thank you for your
13 consideration of this important
14 resolution. I ask that you -- or I'd
15 be happy to answer questions but
16 you'll be hearing testimony from
17 others from the Sustainable Business
18 Network as well.

19 (Councilwoman Reynolds Brown
20 assumes Committee Chair position.)

21 COUNCILWOMAN BROWN: Thank you.
22 Good morning.

23 MR. BUMB: Good morning.

24 COUNCILWOMAN BROWN: Let me
25 thank the Administration for the

1 5/5/08 - ENVIRONMENT - Res. 080266
2 testimony, and I had a question around
3 what's happening currently within the
4 Administration.

5 The follow-up I have is, has
6 the Department of Commerce I.D.ed
7 personnel who are, for lack of a
8 better way of saying this, LEED
9 certified, who know and understand all
10 of what that means? because in each of
11 presentations, we saw just saw,
12 employee training is a factor.

13 MR. BUMB: Right.

14 COUNCILWOMAN BROWN: But it's
15 important to have professionals in
16 these departments who know what they
17 are doing and looking for.

18 Has Commerce moved in that
19 direction at all? has there been any
20 conversation or discussion?

21 MR. BUMB: I think we are
22 moving in that direction. We are
23 having discussions with the
24 workforce-development organizations.
25 You'll hear testimony today from the

1 5/5/08 - ENVIRONMENT - Res. 080266
2 Philadelphia Workforce Development
3 Corporation.

4 We're also talking with the
5 Philadelphia Workforce Investment
6 Board about how do we better link
7 workforce and our -- and those sort of
8 growing industry sectors within our
9 economy.

10 Again, we would say that the
11 green industry sector is one of those
12 targeted sectors that we should be
13 better aligning with workforce needs,
14 so it is, in fact, very appropriate
15 for us to be having that discussion.

16 Again, there are a lot of
17 examples of the connections on the
18 professional level where we've got
19 people -- architects and engineers,
20 who, in fact --

21 COUNCILWOMAN BROWN: Okay.

22 MR. BUMB: -- are now designing
23 to this LEED standard.

24 But what we're really focusing
25 on here -- and I think it's an

1 5/5/08 - ENVIRONMENT - Res. 080266
2 appropriate and necessary step -- is
3 to bring in those people within the
4 workforce who have entry-level skill
5 sets who can actually now benefit from
6 those growing sectors.

7 COUNCILWOMAN BROWN: So does
8 the Department of Commerce have any
9 specific goals that it's trying to
10 achieve with the workforce development
11 through the workforce development
12 meetings?

13 MR. BUMB: We're -- we have
14 specific goals associated with
15 population and job growth in the City.
16 We are still breaking out within the
17 job-growth sector --

18 COUNCILWOMAN BROWN: Okay.

19 MR. BUMB: -- the targeted
20 industries. Again, this one is an
21 appropriate one to be included in that
22 strategy.

23 COUNCILWOMAN BROWN: Has the
24 business community, through the
25 Chamber, been invited to be a part of

1 5/5/08 - ENVIRONMENT - Res. 080266
2 those sit-down discussions? 'Cause my
3 thinking is, business leaders, the
4 labor community, organized labor, along
5 with government -- and there's a role
6 for public school education and the
7 public school district as well --
8 collectively need to be a part of those
9 discussions at the door, not as we roll
10 out a program that has not clearly or
11 carefully factored in all of those
12 stakeholders.

13 MR. BUMB: Right. Our
14 interaction with the Chamber of
15 Commerce, for example, is generally as
16 we sort of all sit on the board of the
17 Philadelphia workforce investment
18 Board.

19 COUNCILWOMAN BROWN: Okay.

20 MR. BUMB: And so that's the
21 forum where we have those discussions.

22 COUNCILWOMAN BROWN: And so
23 they then (indiscernible) --

24 MR. BUMB: Yes.

25 COUNCILWOMAN BROWN: -- at that

1 5/5/08 - ENVIRONMENT - Res. 080266

2 --

3 MR. BUMB: Yes.

4 COUNCILWOMAN BROWN: And the
5 discussions have led to what? Is it
6 too soon to say what those discussions
7 will lead to?

8 MR. BUMB: Yeah, it's -- again,
9 we are wanting to finalize those --
10 first of all, to improve our system --
11 and we've talked in our budget hearing
12 a few weeks ago about how we are
13 realigning our Office of Business
14 Services to make sure we are better
15 connecting with workforce development;
16 and within that office, also focusing
17 on those targeted industries where real
18 growth in jobs can occur. We are
19 having that discussion with the
20 Workforce Investment Board and its
21 board members to improve those linkages
22 as well.

23 So it's a work in progress, I
24 guess, is what I'm saying.

25 COUNCILWOMAN BROWN: So

1 5/5/08 - ENVIRONMENT - Res. 080266
2 green-collar jobs is on the docket.

3 MR. BUMB: Yes.

4 COUNCILWOMAN BROWN: It's on
5 the agenda.

6 MR. BUMB: Yes.

7 COUNCILWOMAN BROWN: That's a
8 part of the conversation and debate.

9 MR. BUMB: Yes, it is. And, in
10 fact, it's critically important in that
11 so many of the jobs that are these
12 green-collar jobs that we talk about
13 really are -- many of them would be
14 manufacturing jobs. It's a sector
15 we've seen tremendous erosion in jobs
16 over the last --

17 COUNCILWOMAN BROWN: It's
18 400,000 to be exact.

19 MR. BUMB: Yes. And even in
20 the last seven years, we've seen a 36
21 percent drop within the City.

22 COUNCILWOMAN BROWN: Mm-hmm.

23 MR. BUMB: And so, you're
24 right, it's tremendous erosion. And so
25 it's focusing on those sectors within

1 5/5/08 - ENVIRONMENT - Res. 080266
2 manufacturing that actually have a real
3 opportunity for growth is a great way
4 for us to stabilize that sector.

5 COUNCILWOMAN BROWN: Okay.
6 Well, thank you for your testimony.

7 MR. BUMB: Sure, sure.

8 COUNCILWOMAN BROWN: Councilman
9 Jones?

10 COUNCILMAN JONES: Yes. How
11 are you, Mr. Bumb? It's so good to see
12 you once again.

13 MR. BUMB: It's great to see
14 you, Mr. Councilman.

15 COUNCILMAN JONES: You are the
16 flag bearer, when it comes to the
17 department, on all things Council.

18 A couple of things, and I'd
19 like to follow up on Councilwoman
20 Blondell Reynolds-Brown's questions.
21 I don't know if you've been following
22 our hearings, but we've been pretty
23 consistent with the developers and
24 with vendors and with people
25 interested in doing things within the

1 5/5/08 - ENVIRONMENT - Res. 080266
2 City of Philadelphia on this green-job
3 industry. When it comes to Fox Chase
4 and their ability to expand their
5 facility, one of the questions that
6 was asked of them was, What is your
7 green plan? and whether or not their
8 facilities were taking that into
9 account. And then the question also
10 was, Well, where can we find
11 resources?

12 And I think the time has come
13 for the City of Philadelphia to kind
14 of be the central depository of
15 information on all things green and
16 someone particularly in the area of
17 economic development helping them to
18 realize, one, that it doesn't have to
19 cost more, because the first thing
20 that they say is, By doing things
21 green, it's going to cost me more.
22 And whether, in fact, that is true,
23 over the long haul, it should be
24 designed to reduce expenses over a
25 period of time. And someone on behalf

1 5/5/08 - ENVIRONMENT - Res. 080266
2 of the Administration needs to kind of
3 champion that and lead that.

4 When it came to golf courses,
5 we asked those questions of -- Madam
6 Chairwoman, when it came to the
7 extension of leases for the
8 municipal-owned golf courses, we even
9 asked, Well what are the green jobs,
10 and who's going to take landscaping to
11 irrigation to alternate fuels to the
12 kinds of things that are on the
13 horizon?

14 Even when it comes to permits,
15 even when it comes to permits, people
16 want to blacktop a lot, and then the
17 question becomes about what happens to
18 the excess rain-water runoff --

19 MR. BUMB: Right.

20 COUNCILMAN JONES: -- and
21 experts in the field like American
22 Cities that understand about different
23 means and measures of capturing rain
24 water when it comes to rain barrels or
25 different uses of rain-water runoff.

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2 So its time has come, its time
3 has come in a way that we need kind of
4 grasp what that industry is. In the
5 last hearings, one of the questions I
6 asked is, Do these conservation
7 efforts work? We need to monitor
8 them. Everything that claims to be
9 green may not be green, and we need to
10 have best practices and things like
11 that.

12 And I just think that the City
13 of Philadelphia has to kind of step up
14 its game if we're going to achieve
15 some of the goals of this
16 administration when it comes to
17 greening, conservation, and these jobs
18 that may be created as a result of
19 this effort.

20 MR. BUMB: I agree. Again, I
21 think there are sort of two general
22 ways where we in economic development
23 can play a larger role here. One is
24 through efforts like the Green Job
25 Crops, where by the very act of us

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2 training individuals for an emerging
3 industry, we are actually signaling to
4 that industry that that's an important
5 growth sector for us.

6 And so when international
7 companies like Gamasa (sp?) are
8 looking for their headquarters and we
9 want to keep them in Philadelphia,
10 it's important to signal to them that
11 this is a sector we pay attention to.

12 So it's very good not just to
13 sort of put people in the workforce
14 who, in fact, have certain barriers to
15 entry in the workforce but, in fact,
16 it's just good policy for us to sort
17 of let the world know that this is
18 important to us.

19 Sort of one another way I
20 think that we do that in the economic
21 development is in our coordinating
22 role for development within the
23 cities, and so it gets to your point,
24 Councilman, when we sort of bring
25 developers in and we talk about what

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2 the appropriate zoning is and sort of
3 how they're looking to sort of develop
4 a particular site, that, in fact, we
5 raise the question -- if their plan
6 does not, that we raise the question
7 of what efforts have they made toward
8 sustainability and give them some
9 technical advice on how they can
10 improve their design in that sort of
11 way.

12 COUNCILWOMAN BROWN: Mm-hmm.

13 COUNCILMAN JONES: We are
14 looking at introducing legislation and
15 trying to coerce my colleagues into
16 being a part of it, some green-zoning
17 legislation, where we take certain
18 areas in the City of Philadelphia and
19 designate them green zones. And all
20 new developments subsequent to that
21 period of time, when the legislation
22 gets passed, would be responsible to
23 meet some measure, some area of LEED
24 certification and/or effort, it would
25 be submitted in their plans before even

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2 they were able to get permits and
3 licenses and the like.

4 So this is something that --
5 its time has come.

6 MR. BUMB: Right.

7 COUNCILMAN JONES: So we're
8 trying to give you a heads-up so that
9 you can continue your primary mission,
10 which is to grow the economy of the
11 City of Philadelphia, and hopefully, it
12 will be a green economy.

13 MR. BUMB: Right.

14 COUNCILMAN JONES: Thank you.

15 MR. BUMB: Thank you.

16 COUNCILWOMAN BROWN: The
17 expectation would be, just as we have
18 clear requirements for EOP's
19 educational employment opportunity
20 plan, we would also ultimately look to
21 some type of green initiative plan as a
22 part of the final approval of documents
23 that flow past this table.

24 MR. BUMB: Right.

25 COUNCILWOMAN BROWN: One final

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2 question. You mentioned a task force
3 currently in place, where the notion of
4 green-collar jobs is being discussed.
5 What was the name of it again?

6 MR. BUMB: Um...

7 COUNCILWOMAN BROWN: You said
8 with the Chamber and Commerce already
9 at the table currently having
10 discussion.

11 MR. BUMB: That's right. Let
12 me pull that right out of my -- just to
13 make sure...

14 COUNCILWOMAN BROWN: Well, you
15 mentioned a task force on Page 2 of
16 your testimony, but there's no name for
17 it.

18 MR. BUMB: Yeah, in fact, it --
19 it hasn't -- there are stakeholders
20 that are sort of in that task force,
21 but it hasn't been named, and it's only
22 had a preliminary meeting to date, so
23 we're still -- it's still being --
24 they've been brought together one time,
25 but we're still framing the mission for

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2 that organization.

3 COUNCILWOMAN BROWN: Okay,
4 then. Well, thanks again for your
5 testimony.

6 MR. BUMB: You're welcome.

7 COUNCILWOMAN BROWN: If we
8 could please invite up Panel No. 2,
9 Sustainable Business Network of
10 Philadelphia. Please accept my
11 inability to pronounce your name
12 correctly: Leanne-Krueger Brancky.

13 Strategy Arts, Scott Wheeler.

14 And the principal for the
15 Wissahickon Charter School, Julie
16 Stapleton Carroll.

17 While they come to the witness
18 table, let me give a heads-up to the
19 next panel, which will include:
20 Sandra Dungee Glenn of the American
21 Cities Foundation; Christine Knapp of
22 PennFuture, Julie Wicks of White Dog
23 Cafe; and Sonia De Van-Lake,
24 representing Ernie Jones of the
25 Philadelphia Workforce Development

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2 Corporation.

3 Good afternoon, everyone.

4 Please proceed with your testimony and
5 state your name for the record.

6 MS. KRUEGER-BRANCKY: Good
7 morning. My name is Leanne
8 Krueger-Brancky, and I'm the Executive
9 Director of the Sustainable Business
10 Network of Philadelphia, a business
11 organization that brings together local
12 leaders who share a common passion to
13 grow successful businesses that are
14 socially and environmentally
15 responsible.

16 The Sustainable Business
17 Network cultivates socially and
18 environmentally responsible commerce
19 in the Philadelphia region by
20 providing our members with assessment,
21 education, advocacy, and business
22 development opportunities.

23 We are here this morning to
24 talk about green-collar jobs.
25 Green-collar jobs are blue-collar jobs

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2 in green businesses, manual-labor jobs
3 in businesses whose products and
4 services directly improve
5 environmental quality.

6 There are 22 sectors of the
7 U.S. economy that can provide green-
8 collar jobs, including bicycle repair,
9 biodiesel production and gas station
10 jobs, green building, organic food
11 production, large-scale composting,
12 recycling, and public transit.

13 Green-collar jobs have huge
14 potential to plug holes in our local
15 economy. In 1969, there were over
16 650,000 manufacturing jobs in this
17 region; by 2005, only 250,000
18 manufacturing jobs remain, a loss of
19 over 400,000 in less than four
20 decades. Green-collar jobs can plug
21 some of the gaps left behind by
22 manufacturing because they require
23 similar levels of vocational training
24 and often pay a living wage.

25 On February 21st, the

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2 Sustainable Business Network convened
3 a sold-out public event with Van Jones
4 at the Urban Sustainability Forum.
5 Van Jones is the founder and president
6 of Green For All, based in Oakland,
7 California.

8 In 2007, Van helped the City
9 of Oakland pass a Green Jobs Corps
10 proposal, and their city council
11 allocated funds to train residents in
12 ecofriendly green-collar jobs. At the
13 national level, Van worked
14 successfully in 2007 with the U.S.
15 House of Representatives Speaker Nancy
16 Pilosi and others that passed the
17 Green Jobs Act of 2007. That
18 path-breaking, historic legislation
19 authorized \$125 million in funding to
20 train 35,000 people a year in
21 green-collar jobs.

22 Over 600 people joined us at
23 the February event with Van Jones.
24 Mayor Michael Nutter welcomed Van to
25 Philadelphia and reaffirmed his

1 5/5/08 - ENVIRONMENT - Res. 080266
2 commitment to make Philadelphia the
3 greenest city in the U.S.

4 On March 20th, we brought Van
5 Jones back to Philadelphia for an
6 invitation-only green-economy strategy
7 session at City Hall. Scott Wheeler
8 will talk about the results of that
9 meeting in his testimony.

10 On the same day, the
11 Sustainable Business Network released
12 a report entitled "Building A Green
13 Economy: Green-Collar Development
14 Initiatives in the Delaware Valley."
15 This report is intended to be a
16 resource about the organization's
17 currently training and hiring
18 green-collar worker as well as new
19 projects on the horizon. This report
20 shows that we do not have to start
21 from scratch. Good work is already
22 happening in the region and can serve
23 as the foundation for future efforts.

24 In order to move this work
25 forward, we need to be collaborative.

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2 No one entity can accomplish this goal
3 on its own. Business and local
4 government, workforce development
5 organizations and community colleges,
6 labor, funders and investors are all
7 important stakeholders in this work.
8 Each of us holds an important piece of
9 the puzzle, and only by working
10 together can we create meaningful
11 numbers of good jobs that will help
12 the environment and lift people out of
13 poverty at the same time.

14 Thank you.

15 COUNCILWOMAN BROWN: We'll hear
16 from everyone and then we'll open up
17 for questions and comments.

18 Good afternoon. State your
19 name for the record.

20 MR. WHEELER: Good afternoon.
21 Scott Wheeler from Strategy Arts. It's
22 an honor to be here today discussing
23 such an exciting opportunity, and it's
24 been an absolute pleasure working to
25 move this whole thing forward.

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2 I'm the founder of Strategy
3 Arts. It's a small consulting
4 business based in West Chester,
5 Pennsylvania. We lead businesses and
6 nonprofits and diverse stakeholder
7 groups through planning processes to
8 solve complex problems.

9 And one of the things that's
10 important to how we approach things is
11 that we use a collaborative process to
12 engage people and also analysis to
13 provide them the information that they
14 need to make decisions. Our role in
15 this initiative has been to plan and
16 guide a process that helps
17 stakeholders work together to build
18 the initiative.

19 In February, the meeting that
20 Leanne was talking about, we worked
21 together with the Sustainable Business
22 Network to set two short-term
23 end-of-2008 goals for the community to
24 consider. The first is to place 100
25 youth from disadvantaged communities

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2 in green-collar jobs by the end of
3 this year; and the second is, at the
4 same time, to have a visible part of
5 the infrastructure that enables
6 green-collar job to be in place so
7 that we can continue that growth.

8 COUNCILWOMAN BROWN: Speak more
9 into the mic. Pull it closer to you,
10 please, sir.

11 MR. WHEELER: Sure.

12 COUNCILWOMAN BROWN: Thank you.

13 MR. WHEELER: With these goals
14 in hand, the Sustainable Business
15 Network called a stakeholder meeting
16 that was held here in City Hall on
17 March 20th. The objectives of that
18 meeting were to involve stakeholders in
19 determining what needs to happen to
20 build the Green Jobs Initiative, to
21 inspire all of us with a clear vision
22 of what success can look like, and to
23 move to action through committees free
24 to decide and pursue needed action.

25 We invited a range of

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2 stakeholders to the meeting. We
3 included green business, community
4 development groups, workforce
5 development groups, labor, green
6 builders, educators, and City
7 government.

8 At the meeting, we built on
9 the inspired vision presented by Van
10 Jones during his first visit to the
11 City in February. Van continues to
12 give us tremendous support in this and
13 also returned to Philadelphia to kick
14 off our strategy meeting on the 20th.

15 His message to us was that the
16 early-level involvement that he saw
17 here in our city will give us the
18 opportunity to move faster than anyone
19 in the cities he's worked in so far.

20 COUNCILWOMAN BROWN: Mm-hmm.

21 MR. WHEELER: At the meeting,
22 the Sustainable Business Network also
23 distributed a green-business report
24 that they had done that documents the
25 current efforts of businesses when

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2 workforce development and other
3 community groups that are already
4 focused on sustainable business areas
5 in Philadelphia.

6 A vital part of that meeting
7 was to involve the participants in the
8 creation of ideas needed to achieve
9 the goals. During the meeting,
10 participants worked in groups to
11 identify what was needed to support
12 Philadelphia's green-job success and,
13 more specifically, the short-term
14 goals that we had identified.

15 We focused on four
16 complementary areas: job training,
17 employer commitment, community
18 policies, and funding. To ensure
19 continued momentum, the participants
20 at the meeting established four
21 committees. The job of these
22 committees is to move forward with the
23 planning and actions required to build
24 the green jobs initiative in
25 Philadelphia, and we also agreed at

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2 the meeting to keep the Sustainable
3 Business Network in the coordinating
4 role to assure continued focus on a
5 common end-goal.

6 So where are we now? It's not
7 been very long since our meeting in
8 March. All of the organizational
9 committees have actually completed
10 their actions. They've all met. This
11 is absolutely extraordinary for this
12 kind of a multi-stakeholder
13 organization.

14 And, in fact, we were just
15 talking recently that there are now
16 over 50 people involved in these
17 committees to drive this forward, so
18 this is a true grassroots effort
19 across everything.

20 Each of the committees has
21 met. They've developed short-term
22 three-month goals. They've also
23 developed longer-term goals, and they
24 are now actively pursuing the actions
25 that they've set for themselves in

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2 pursuit of those short-term goals.

3 So you will be hearing from
4 some of those committees as a part of
5 the testimony that's coming up next.

6 COUNCILWOMAN BROWN: Okay.

7 Good afternoon.

8 MS. STAPLETON-CARROLL: Good
9 afternoon. My name is Julie
10 Stapleton-Carroll. I am from the
11 Wissahickon Charter School.

12 I wanted to first begin by
13 thanking the committees for this
14 opportunity to talk with you about
15 supporting a Green Job Corps in
16 Philadelphia.

17 We serve 400 Philadelphia
18 students in grades K to 8. Some quick
19 statistics about us. We focus on the
20 environment as a way to integrate our
21 curriculum.

22 Eighty-five percent of our
23 students come from low-wealth
24 families.

25 Ninety-five percent of our

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2 students are minority.

3 Ninety-five percent of our
4 parents reports that their children
5 enjoy coming to school.

6 Ninety percent of our parrots
7 report that their children feel safe.

8 Ninety percent of our children
9 hate our school lunch, but we're
10 working on that.

11 (Laughter.)

12 MS. STAPLETON-CARROLL: We have
13 a 100 percent top-notch faculty that
14 you may be aware of.

15 Ninety-five percent of our
16 parents attend parent-teacher
17 conferences.

18 A hundred percent of our
19 students recycle their school papers,
20 bottles, and cans through a very
21 rigorous recycling program at the
22 school. And Wissahickon Charter
23 School has proudly made adequate
24 yearly progress four years in a row.

25 So we take pride in the fact

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2 that we can offer children in this
3 city an outstanding education while
4 also teaching them to be stewards of
5 their environment and their community.

6 Our students represent most
7 neighborhoods in Philadelphia and come
8 from communities that would gain huge
9 benefits from a Green Job Corps in
10 Philadelphia.

11 In a minute, you'll hear from
12 two of our students, and I'm sure that
13 you'll agree with me that they would
14 be great ambassadors to move this
15 initiative forward.

16 I'm going to skip a lot of my
17 testimony at this point, but I want to
18 talk a little bit about the way we
19 teach at the Wissahickon, because I
20 think it could bear a lot of the
21 benefits that come out a job corps and
22 training program for individuals
23 joining the job corps.

24 We utilize elements of the
25 natural world to encourage students to

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2 connect learning across disciplines
3 and grade levels. Our faculty members
4 draw upon the resources of nearby
5 Fairmount Park, the Wissahickon Creek
6 and its watershed to provide students
7 with hands-on learning opportunities
8 to choose, devise, and implement an
9 environmental-service learning
10 project. This approach gives students
11 ownership of the project and provides
12 opportunities for in-depth
13 explorations of real-life problems.

14 Our students also annually
15 grow and maintain a community garden
16 with residents of the Germantown block
17 closest to our school. As responsible
18 stewards of this community resource,
19 Wissahickon Charter School students
20 come to understand the importance and
21 impact of all aspects of the urban
22 natural environment in which they
23 live.

24 As a way of demonstrating the
25 great benefits of a Green Job Corps

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2 concept, I'd like to describe two
3 initiatives that Wissahickon Charter
4 School students are engaged in that
5 not only better our environment but
6 really offer students an authentic and
7 meaningful opportunity to engage in
8 and something that they can take
9 beyond the school walls.

10 At Wissahickon, we manufacture
11 alternative fuel. Supported by an
12 Environmental Protection Agency grant,
13 middle school students begin planning
14 the design, construction, and
15 operation of a processor to convert
16 used vegetable oil into alternative
17 fuel that can be used to power buses.

18 Wissahickon Charter will make
19 the environmentally-friendly biodiesel
20 fuel available to its various partner
21 organizations. We've been talking
22 with (indiscernible), we've been
23 talking with some organic farms to
24 bring CSAs out to delivery, et cetera.

25 In addition to the processor's

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2 design and operation, students will
3 establish and implement a community-
4 wide collection strategy to ensure a
5 consistent supply of used vegetable
6 oil for use in the production of
7 biodiesel fuel, and will, in the
8 process, educate community members
9 about the utility and sustainability
10 of this practice.

11 Harnessing solar energy. In
12 recent months, Wissahickon Charter
13 School's 4th grade students who are
14 studying energy have participated in a
15 wide variety of projects to help the
16 school prepare for the installation of
17 solar panels. We now have two solar
18 panels on our roof and are generating
19 a portion of our energy through that.

20 For example, students also
21 build (indiscernible) fuel by solar
22 energy -- and LeVar (sp?) here built
23 one as well; you could ask him about
24 it -- demonstrating their power at our
25 school's community-wide Earth Day

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2 celebration, where students spoke with
3 attendees about recent developments in
4 solar technology, committed to
5 educating families who care about
6 issues of sustainability. Students
7 will also participate in the
8 conceptualization and installation of
9 our new onsite educational kiosk that
10 will take that energy of the solar
11 panels and allow us to integrate that
12 into the curriculums through visuals
13 and participation in how that impacts
14 our grid.

15 The school's successful use of
16 environmental education curriculum is
17 evidenced by its receipt of the 2007
18 Storm Water Best Management Practices
19 Recognition Program Award, the 2008
20 Greater Philadelphia Stainability
21 Award, which we're particularly
22 pleased about, and the 2007 Triple
23 Bottom Line Award, which is also
24 something that we hold dear to us

25 But regardless of what we can

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2 do within our school walls, what
3 happens outside of school walls is
4 really what dictates our students'
5 success, and I feel really
6 passionately that Philadelphia is
7 poised with a new administration and
8 an invigorated Council to move forward
9 at an incredible rate.

10 Frequently, I'm asked where
11 our students go after graduating from
12 Wissahickon and 8th grade. While
13 we're pleased that our students have
14 selected schools of very high caliber
15 and fit for themselves, we're left to
16 wonder where the love of nature and
17 purposeful service of our environment
18 goes beyond the walls of Wissahickon
19 Charter School

20 A comprehensive, thoughtful,
21 and visible program to support green
22 jobs in Philadelphia would achieve a
23 number of things in the minds of our
24 students:

25 Consistency between what

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2 they're being taught in school and
3 what we as citizens value.

4 Recycling, not wasting.

5 There's so much that can be done
6 around that, and I know that everybody
7 in this room is aware of that

8 Taking care of ourselves and
9 each other, making sure that our city
10 is looking after us and that we're
11 participating in that process

12 A sense of commitment from our
13 city, that we value the things that
14 they have been taught to be important

15 Self-reliance and respect for
16 each other

17 And our responsibility to take
18 action to fix problems in our
19 community. We teach our students that
20 it's their responsibility, if they see
21 something that needs fixing, to fix
22 it, and this Green Jobs Corps could
23 help implant that attitude across the
24 City

25 I very enthusiastically

1 5/5/08 - ENVIRONMENT - Res. 080266
2 support the creation of a Green Job
3 Corps that will promote community-
4 based growth opportunities for
5 traditionally hard-to-employ workers

6 I even more enthusiastically
7 support the creation of these jobs
8 around the care of our environment and
9 the active stewardship of our city,
10 which holds such wonders and history
11 possibilities.

12 At this point, I would like to
13 introduce two of our students: LeVar
14 Hunter and Ajanay Paget (sp?), who
15 will take a moment to speak from their
16 minds.

17 COUNCILWOMAN BROWN: Good
18 afternoon, young people.

19 STUDENT #1: Good afternoon.
20 My name is LeVar Hunter. I'm a 7th
21 grade student at Wissahickon Charter
22 School.

23 COUNCILWOMAN BROWN: Okay. I
24 need to ask you to please lower the mic
25 so you can talk directly in it, and

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2 start again so that we can clearly hear
3 your full name.

4 STUDENT #1: Okay. My name is
5 LeVar Hunter. I'm a 7th grade student
6 Wissahickon Charter School.

7 COUNCILWOMAN BROWN: Thank you.

8 STUDENT #1: In coming across
9 my research for my speech, I happened
10 to find some strong words that were
11 from Van Jones. Van Jones strongly
12 compares social and environmental
13 issues.

14 Two problems confront us:
15 social inequality and environmental
16 destruction. Both problems are
17 affecting our city in many terrible
18 ways. We act as if they are separate,
19 but they are linked economically,
20 politically, and morally. The
21 solutions and strategies for each
22 must, therefore, be one.

23 The United States is both the
24 world's leading polluter and the
25 world's leading incarcerater, which is

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2 a total embarrassment to our nation.
3 In the City of Oakland, where
4 environmental and national activist
5 Van Jones resides, they spend more
6 money on prisons than for their
7 colleges, and I can imagine that it's
8 the same here in Philadelphia.

9 The U.S. spends tens of
10 billions of dollars subsidizing mass
11 incarceration and spends hundreds of
12 billions subsidizing polluters,
13 despoilers, and clear cutters. By
14 creating green jobs, it will keep
15 children off the street and money
16 earned by working not doing something
17 that they shouldn't be doing.

18 Create green jobs. I promise
19 you you won't regret it.

20 Thank you.

21 COUNCILWOMAN BROWN: Repeat
22 that last sentence, please.

23 STUDENT #1: Create green jobs.
24 I promise you you won't regret it.

25 COUNCILWOMAN BROWN: Thank you.

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2 (Applause.)

3 STUDENT #2: My name is Ajanay

4 Paget, and I'm a 8th grader at

5 Wissahickon Charter School.

6 Not to tell you a whole life

7 story about me, but since 3rd grade, I

8 was one of the first students at

9 Wissahickon Charter School. And from

10 day one, they were all talking about

11 the environment and everything, and

12 they really made me want to be

13 involved with the environment and

14 animals.

15 So responding to her question,

16 what would happen outside of the

17 school walls within the environment,

18 this year, after I graduate, I'm going

19 to Sol Agricultural High School to

20 stick with my environmental reputation

21 and stuff.

22 And so, Van Jones was -- I

23 think he -- since I started studying

24 him, I think he could be one of my

25 heroes because he -- he went above and

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2 beyond to live his dream, and he
3 became famous for living his dream,
4 and I want to do the same thing. He
5 reminds me of Martin Luther King and
6 the other famous African-American
7 people.

8 And since 4th grade, I think,
9 we have been studying, like, anything
10 about the environment that we can get
11 our hands on. So it was, like,
12 different programs that we can be in.
13 So right now, I'm in the outdoor
14 program, and Saturdays and Sundays, we
15 may have camping trips and hiking
16 trips.

17 And we also have a harmony
18 garden outside of the school, and
19 it's, like, I think it was made to
20 something for the water that when it
21 rains -- yeah.

22 And so -- and now the 8th
23 graders are now studying what to do
24 with the rest of the playground, with
25 the rest of the yard area out there.

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2 We're studying playgrounds to see what
3 types of environments kids of
4 different ages like so we can mix it
5 all together and have a perfect
6 playground for everybody of every age.

7 And so we're doing biodiesel
8 since, like, sixth grade. So I might
9 not remember it well, but we're mixing
10 vegetable oil and we're being
11 associated with two different
12 restaurants, and so the biodiesel fuel
13 will help run buses, and the benefits
14 are to help -- to help air pollution
15 so not to -- the buses won't have as
16 much smoke and gas coming out the
17 pipes.

18 And so that's basically how we
19 are helping with the environment and
20 be better people, like sticking to Van
21 Jones' word. So leading -- like -- I
22 can't get the words out.

23 It's like, um, so if a greener
24 world is a brighter world for us
25 because without -- correct me if I'm

1 5/5/08 - ENVIRONMENT - Res. 080266
2 wrong, but if we didn't have any trees
3 or any grass or anything, the earth
4 wouldn't be the same. It wouldn't
5 be -- I don't even think it would be
6 alive 'cause without the trees and
7 without the environment, it wouldn't
8 be no -- well, trees help with the CO2
9 and the oxygen and everything.

10 And so with the green jobs, it
11 will help people who don't have --
12 yeah, who don't have a real good
13 education or whatever, it will help
14 them to have a job and actually play a
15 part in helping the earth by just
16 being them, by just doing whatever.

17 Thank you.

18 COUNCILWOMAN BROWN: Well,
19 thank you very, very much, all of you,
20 for your testimony.

21 (Applause.)

22 COUNCILWOMAN BROWN: And we
23 want to say a huge thank-you to the
24 young people for your testimony and for
25 your experience. It's a woeful

1 5/5/08 - ENVIRONMENT - Res. 080266
2 reminder to us that we need to do more
3 to get more young people like you ready
4 for tomorrow's world.

5 Thank you very much.

6 Councilman Jones?

7 COUNCILMAN JONES: I would just
8 like to echo the Chairlady's comments.
9 I could not have been prouder of that
10 testimony. They get it. And,
11 hopefully, this Council and our
12 administration will get it too. So
13 we'll try to keep up with you guys.

14 Now, just out of curiosity,
15 where are you guys located?

16 STUDENT #2: 4700 Wissahickon
17 Avenue.

18 COUNCILMAN JONES: And who
19 would be your Councilperson?

20 (Laughter.)

21 COUNCILMAN JONES: And one
22 other question: Did you have a teacher
23 named Miss Upshaw, Gina Upshaw?

24 STUDENT #1: Yes. She's a 6th
25 grade teacher.

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2 COUNCILMAN JONES: She's a 6th
3 grade teacher?

4 STUDENT #1: Is she your
5 daughter?

6 COUNCILMAN JONES: Is she a
7 good teacher? You like her?

8 STUDENT #1: Yes.

9 COUNCILMAN JONES: 'Cause I'm
10 her dad, and if something's wrong, you
11 tell me.

12 (Laughter.)

13 STUDENT #2: She buys us snacks
14 every Friday.

15 COUNCILMAN JONES: All right.
16 I just wanted to make sure of that.

17 And I've been to your school.
18 It's a wonderful place, it's
19 ecofriendly, it's all about green, and
20 I'm very proud to have it in the 4th
21 Councilmatic District.

22 Thank you for your testimony
23 today.

24 STUDENT #2: You're welcome.

25 COUNCILWOMAN BROWN: A couple

1 5/5/08 - ENVIRONMENT - Res. 080266
2 of questions, please. The Sustainable
3 Business Network, are any of the
4 chambers represented at those meetings,
5 the African-American Chamber, the
6 Greater Philadelphia Chamber, the
7 Hispanic Chamber, the -- I believe it's
8 Asian, and please correct me if I'm
9 wrong, but are any of the chambers
10 represented?

11 MS. KRUEGER-BRANCKY: The
12 Asian-American Chamber of Commerce was
13 represented at the March 20th session.
14 In addition, the Chamber of Commerce
15 and the African-American Chamber of
16 Commerce were both invited but did not
17 attend.

18 I've recently connected with
19 the new director of the African-
20 American Chamber, and she and I are
21 going to be meeting within the next
22 few weeks.

23 COUNCILWOMAN BROWN: Okay.
24 Farms, you mentioned farms. I believe
25 that was the school, the principal of

1 5/5/08 - ENVIRONMENT - Res. 080266
2 the Wissahickon Charter School talked
3 about you're using farms someplace in
4 the work that you're doing?

5 MS. STAPLETON-CARROLL: We've
6 talked to a number of farm producers
7 that need to get their goods from their
8 farm for drop-offs for CSAs. We've
9 offered to barter our diesel fuel for
10 organic goods.

11 COUNCILWOMAN BROWN: Okay. So
12 we can presume that they are local
13 farmers, which is --

14 MS. STAPLETON-CARROLL:
15 Absolutely, yes.

16 COUNCILWOMAN BROWN: Does the
17 garden have a entrepreneurial element,
18 this community garden?

19 MS. STAPLETON-CARROLL: We
20 struggle with our own lunch service in
21 trying to get local produce into our
22 own lunches, so we're kind of neophytes
23 in that process right now.

24 We partner with the Arboretum,
25 and Weaver's Way has a wonderful

1 5/5/08 - ENVIRONMENT - Res. 080266
2 garden that our children have
3 participated in farming, and so it's
4 growing, no pun intended.

5 COUNCILWOMAN BROWN: Okay.

6 MS. STAPLETON-CARROLL: We're
7 growing and learning.

8 In fact, Councilman Jones, you
9 had mentioned a green zone. I think
10 the area right outside of our school
11 would be an ideal location for a green
12 zone, and I would love to work with
13 you on that.

14 COUNCILMAN JONES: Actually,
15 that is one of the areas being
16 considered -- you're right -- near an
17 industrial park that has seen better
18 times, and the idea here is, as land
19 becomes more valuable and opportunities
20 become more valuable, we need to raise
21 the bar on what our expectations are by
22 way of our corporate citizens and
23 neighbors, and one of the expectations
24 is some consideration for our
25 environment.

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2 MS. STAPLETON-CARROLL: That's
3 great. That's really good to hear.

4 COUNCILWOMAN BROWN: Is the
5 Department of Commerce represented at
6 the Sustainable Network meetings?

7 MS. KRUEGER-BRANCKY: Yes, they
8 are. Both Karen Randall and Terry
9 Gillen, who have been very involved in
10 our planning efforts.

11 COUNCILWOMAN BROWN: And then
12 lastly, you indicate that reports have
13 been produced -- is that what I
14 heard? -- from Strategy Arts, that of
15 those four areas, policy, funding, job
16 training, and employer relations, you
17 said reports have been -- the next
18 step, the next tangible steps are --

19 MR. WHEELER: Right. So each
20 of the committees has identified both
21 short-term goals to help get to the
22 hundred students in jobs by the end of
23 the year and to start putting the
24 infrastructure together, and they've
25 also identified longer-term goals that

1 5/5/08 - ENVIRONMENT - Res. 080266
2 are going to help to get more of the
3 jobs moving, 'cause we consider a
4 hundred jobs as a starting point and a
5 very small starting point, but a
6 meaningful one.

7 COUNCILWOMAN BROWN: So then if
8 you have identified a tangible
9 number -- one should never assume
10 anything. Is Philadelphia Workforce
11 Development Corporation at the table?

12 MS. KRUEGER-BRANCKY: Yes, they
13 are.

14 COUNCILWOMAN BROWN: They are?

15 MS. KRUEGER-BRANCKY: Yes.
16 Yes, they are at the table.

17 COUNCILWOMAN BROWN: All right.
18 That takes care of all of my questions.

19 Thank you very much for your
20 important testimony, and the word
21 continues as we look to crafting
22 recommendations, but more importantly
23 being a part of the task force that
24 was shared by the City Commerce
25 Director so that we're all working in

1 5/5/08 - ENVIRONMENT - Res. 080266

2 tandem down this road.

3 Councilman Jones?

4 COUNCILMAN JONES: Thank you,
5 Madam Chair.

6 A couple of quick questions.

7 As we start to look at these jobs --

8 and I know that we will have Sandra

9 Glenn from the School Reform

10 Commission testify, but one of the

11 things that I use as a comparison to

12 where we are with green jobs is to

13 where we were maybe 20 years ago with

14 cable.

15 COUNCILWOMAN BROWN: Mm, yes.

16 COUNCILMAN JONES: To where we

17 were with cable. As we looked at it

18 then, I don't know if we truly

19 understood what an impact on the local

20 economy it would be from, cable

21 installers to customer-service reps to

22 engineers to repairmen to bill-

23 collectors to lawyers. It was like a

24 pebble in a pond that had rippling

25 effects throughout our economy, which

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2 was, for the most part, positive.

3 I see us at that time now,
4 where we will have -- in the last
5 testimony if you were here in the
6 chambers, you heard people talk about
7 cost-benefit analysis of greening
8 activities and the application of a
9 almost accounting background that
10 would be required, which you wouldn't
11 altogether think of at first when you
12 came to a green job.

13 But those are the kinds of
14 opportunities -- everything from --
15 people have come to my office and, I'm
16 sure, the Council Lady's office to
17 talk about energy audits and
18 guarantees by way of savings, and
19 whether or not these said statements
20 are true and we are realizing those
21 cost savings, I have an ebonic saying
22 that "if it ain't measured, it ain't
23 managed." And so people make these
24 green claims without substantiating
25 them and so we buy things that may not

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2 work.

3 So what I'm saying is, there's
4 a whole cottage industry that can be
5 developed by that. As we start to
6 multiple that by wind, by solar, by
7 thermal, by corn versus cellulose fuel
8 sources, we really need to kind of
9 retro-engineer that back into training
10 programs for people that are going to
11 take advantages not of jobs of the
12 future but jobs of right now.

13 If we look at the
14 infrastructure of this entire city,
15 it's a old city, it has to be rebuilt.
16 If we start to pass green zones,
17 there's going to be a whole industry
18 and a whole need for a workforce that
19 we need to prepare now.

20 MS. KRUEGER-BRANCKY: Thank
21 you, Councilman.

22 And I do want to point out
23 that this is a wonderful time for
24 Philadelphia, and there is an amazing
25 amount of interest in green

1 5/5/08 - ENVIRONMENT - Res. 080266
2 businesses. Our membership at the
3 Sustainable Business Network has grown
4 by a hundred new members alone just in
5 the past few months.

6 And so there are green
7 businesses here, there are green
8 businesses that have come to this
9 state and to this region, and our
10 local policy has not been very
11 welcoming to green businesses to date.
12 And so what we're hoping to see and
13 what our policy committee is working
14 on is looking at what could
15 Philadelphia do to better retain
16 existing green businesses and attract
17 businesses to the region.

18 And we're currently looking at
19 policies that have been put in place
20 in other cities --

21 COUNCILWOMAN BROWN: Sure.

22 MS. KRUEGER-BRANCKY: -- that
23 have made it a place that really does
24 draw green businesses, 'cause that's
25 important here.

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2 COUNCILMAN JONES: As we look
3 retro-engineer, when these young people
4 are coming out of Wissahickon Charter
5 School, they have a opportunity either
6 to go on to college and university and
7 pursue those kinds of advanced degrees
8 in those specific areas.

9 Or, just like at the turn of
10 the century, they could come out of
11 high school and wind up in a entry-
12 level job in a industry that they are
13 prepared and uniquely qualified to
14 take advantage of.

15 So we want to prepare on both
16 tracks.

17 MR. WHEELER: Yeah. I'd like
18 to respond if I could as well; is that
19 okay?

20 COUNCILWOMAN BROWN: You may.
21 And certainly state your name again for
22 the record.

23 MR. WHEELER: Sure. Scott
24 Wheeler.

25 There were two points you

1 5/5/08 - ENVIRONMENT - Res. 080266
2 made, which I just wanted to echo.
3 You compared the early days of the
4 cable industry, and I would agree that
5 that's a very good analogy, but this
6 is actually much bigger than that
7 because it crosses so many sectors of
8 the economy, and there are so many
9 industry sectors that we can actually
10 find where green jobs are going to be
11 applicable in the very newer future,
12 if they're not already today.

13 And the second point you made,
14 which I also -- I heard the earlier
15 session. Measurement is a very
16 critical part of this, because there's
17 the easy things to do the and the
18 visible things to do, and then there's
19 the real things to do, and a lot of
20 those have to be backed up by
21 financial backing and understanding of
22 the financial impacts.

23 And one of the areas we work
24 in when we consult with businesses is
25 in sustainability, and there's just

1 5/5/08 - ENVIRONMENT - Res. 080266
2 three things that I wanted to bring
3 forward to think about that businesses
4 think about.

5 One of them is the cost
6 savings, and so that will drive
7 behaviors when you have good
8 bottom-line, baseline measurements.

9 The second is policy, so there
10 are things that may cost them more but
11 because policies are set, that's going
12 to be something they need to do and
13 they focus on, and you've talked about
14 that with your green zones.

15 And then the other is actually
16 the demand from consumers so that
17 products and things that they make are
18 going to drive some of their
19 behaviors.

20 COUNCILWOMAN BROWN: Yes.

21 MR. WHEELER: So all three of
22 those are driving towards more green
23 jobs.

24 COUNCILWOMAN BROWN: Okay.

25 Well, again, thank you for very

1 5/5/08 - ENVIRONMENT - Res. 080266
2 important testimony. I look forward to
3 the documents that come out of those
4 four committees, particularly the
5 committee on policy.

6 And we want to again say a
7 huge thank-you to the young people,
8 wherein either six years from now or
9 eight years from now, you'll be our
10 new leading environmental experts.
11 Thank you very much.

12 Thank you all.

13 (Applause.)

14 COUNCILWOMAN BROWN: Next up:
15 Sandra Dungee Glenn of the American
16 Cities Foundation; Christine Knapp of
17 PennFuture, Judy Wicks of White Dog
18 Cafe; and Sonia De Van-Lake,
19 representing Earnest Jones of the
20 Philadelphia Workforce Development
21 Corporation.

22 (Witnesses come forward.)

23 COUNCILWOMAN BROWN: Good
24 afternoon, ladies.

25 MS. DUNGEE GLENN: Good

1 5/5/08 - ENVIRONMENT - Res. 080266
2 afternoon.

3 COUNCILWOMAN BROWN: Proceed
4 with your testimony.

5 MS. DUNGEE GLENN: Good
6 afternoon, Councilwoman Reynolds-Brown
7 and Councilman Jones. My name is
8 Sandra Dungee Glenn, and I come before
9 you today in my dual roles as President
10 of the American Cities Foundation and
11 Chairwoman of the School Reform
12 Commission for the School District of
13 Philadelphia.

14 And I want to thank you
15 Councilwoman Reynolds-Brown and I also
16 want to thank your colleague Wilson
17 Goode, Jr. for sponsoring the
18 resolution that provides us with an
19 opportunity to come before you today
20 in support of the creation of the
21 Philadelphia Green Job Corps.

22 And as spoken to in the March
23 6th resolution, I believe the creation
24 of a Green Job Corps will move
25 Philadelphia into a job-development

1 5/5/08 - ENVIRONMENT - Res. 080266
2 strategy that is proactive rather than
3 reactive. With increasing attention
4 being given to the need to live in
5 ways that sustain rather than deplete
6 our natural resources, consumers,
7 businesses and governments are
8 responding by demanding products,
9 services, and business practices that
10 promote environmental health.

11 In this emerging green
12 economy, we'll need train and
13 committed workers to grow. We need to
14 prepare unemployed and underemployed
15 Philadelphia residents for these jobs.

16 And I'd like to add that
17 there's also an opportunity, as has
18 been stated, for City Council to
19 support the growth and expansion of
20 local neighborhood-based entrepreneurs
21 into this growing green sector.
22 Growing businesses will also grow
23 jobs.

24 The American Cities
25 Foundation, or ACF fully supports the

1 5/5/08 - ENVIRONMENT - Res. 080266
2 Green Job Corps initiative. ACF,
3 founded in 1992, is committed to
4 designing new strategies to revitalize
5 urban America and improve the quality
6 of life for children and families. We
7 strive to uncover and develop best
8 practices around core issues like
9 urban education, community leadership
10 development, neighborhood
11 revitalization, and business
12 development that can be shared and
13 replicated with other groups and
14 cities.

15 For the past four years, we
16 have been bringing environmentalism
17 into Philadelphia's neighborhoods and
18 engaging residents, especially people
19 of color, in environmental activism.
20 Our work, Project NEAT (Neighborhood
21 Environment Action Teams), funded by
22 EPA to address storm-water runoff,
23 demonstrates that City residents are
24 eager to be environmental activists
25 and students.

1 5/5/08 - ENVIRONMENT - Res. 080266
2 Led by our NEAT Director,
3 Dennis Lee, Project NEAT has planted
4 over 1,000 trees, removed 165 tons of
5 debris, and reclaimed vacant,
6 under-utilized land and buildings as
7 community centers, recreation space,
8 and commercial centers that showcase
9 environmental best-management
10 practices like porous surfaces,
11 cisterns, green roofs, and rain
12 barrels in Mill Creek, Cedar Park,
13 Strawberry Mansion, Eastwick,
14 Kingsessing, Overbrook, Wynnefield,
15 and other Philadelphia neighborhoods.

16 In fact, as a result of our
17 second Urban Environmental Summit on
18 April 26th, entitled "Going the Green
19 Route," ACF's Project NEAT will be
20 installing 76 rain barrels with home
21 owners in West, Southwest, and North
22 Philadelphia over the next two months.

23 Project NEAT works by
24 involving neighborhood leaders and
25 residents. We have over 150

1 5/5/08 - ENVIRONMENT - Res. 080266
2 neighborhood, civic, environmental,
3 and government agency partners,
4 including a number of the members who
5 were here today.

6 The project has also provided
7 part-time employment and training to
8 114 neighborhood residents, many of
9 them ex-offenders. Forty-five percent
10 of our part-timers have moved on to
11 better jobs after their time with us.

12 The American Cities
13 Foundation's demonstration project
14 shows Philadelphians are ready and
15 willing to take action to clean up the
16 air, water, and land in our
17 communities. And we are demonstrating
18 that when we are strategic, we can
19 make an explicit connection between
20 Philadelphians' environmental health,
21 neighborhood revitalization, and
22 employment.

23 A City-sponsored Green Job
24 Corps, using Oakland California as a
25 model, offers an opportunity to work

1 5/5/08 - ENVIRONMENT - Res. 080266
2 at scale, target scarce job training
3 and development dollars, and provide
4 coordination to local nonprofits and
5 for-profit organizations engaged in
6 this work.

7 But I do want to add a word of
8 caution: Philadelphia's policy should
9 target its Green Job Corps to the
10 training for green-collar jobs as
11 defined by Dr. Raquel Rivera
12 Pinderhughes in her study for Berkley,
13 California. And it should target
14 Philadelphia residents with barriers
15 to employment.

16 Dr. Pinderhughes, a professor
17 at San Francisco State University,
18 defines green-collar jobs, as has been
19 stated, as blue-collar jobs or manual-
20 labor jobs in green businesses. These
21 are relatively high-quality jobs with
22 low barriers to entry, jobs that
23 provide workers with opportunities for
24 advancement, and jobs that are located
25 in sectors that are growing rapidly.

1 5/5/08 - ENVIRONMENT - Res. 080266
2 Dr. Pinderhughes identifies 22 sectors
3 in the U.S. economy as sectors with
4 green-collar jobs.

5 Because these jobs offer a
6 prime opportunity to place unemployed
7 Philadelphians in living-wage jobs,
8 Philadelphia's Green Job Corps should
9 target men and women from populations
10 that include youth and adults without
11 a high school diploma, the formerly
12 incarcerated, and the long-term
13 unemployed. By engaging these
14 populations, we can proactively attack
15 some of the root causes of crime and
16 violence in our city. We can connect
17 being a cleaner and greener city with
18 being a safer and better-educated
19 city.

20 ACF recently sponsored a
21 leadership round table for
22 environmental, corporate, academic,
23 and civic organizations to meet and to
24 talk with Dr. Pinderhughes and Deputy
25 Mayor Andrew Altman about a

1 5/5/08 - ENVIRONMENT - Res. 080266
2 Philadelphia green-collar jobs
3 strategy. We are also working as part
4 of the Sustainable Business Network's
5 coalition to develop a green-job and
6 business strategy that promotes
7 economic equity. And we're excited to
8 have the opportunity to share our
9 experiences and our research with City
10 Council.

11 We're also prepared to support
12 this work through our Community
13 Leadership Training Institute to
14 assist with the job-training component
15 and our Project Rise, which provides
16 technical assistance to small emerging
17 businesses in West Philadelphia.

18 Finally, while the School
19 Reform Commission has not taken a
20 formal position on the Green Job Corps
21 proposal, we are in full support of
22 Council's work to provide additional
23 pathways to our high school students,
24 particularly students who may
25 otherwise be at risk of dropping out

1 5/5/08 - ENVIRONMENT - Res. 080266
2 of school.

3 I want to thank you for this
4 opportunity to address you today and
5 look forward to working with you on
6 this important endeavor.

7 And I also need to just excuse
8 myself. On behalf of the School
9 District, we are meeting with U.S.
10 Senator Casey at 1 o'clock, so I'm
11 going to go because I think he could
12 be very helpful to our school
13 district, so -- but I want to thank
14 you for your time and again for this
15 opportunity, but if you have any
16 questions, I'll be happy to address
17 them now.

18 COUNCILWOMAN BROWN: Let's
19 entertain them now then, given your
20 schedule, if we can.

21 You said you need -- no, I
22 have here a meeting with Mr. Altman.
23 Is the Commerce Department still here?

24 UNIDENTIFIED SPEAKER: They
25 just left.

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2 COUNCILWOMAN BROWN: Okay. So
3 we'll get back to that.

4 The number of activities you
5 stated about NEAT, how can citizens,
6 home owners gain access to NEAT?
7 What's the processes of procedure for
8 that?

9 MS. DUNGEE GLENN: Well, simply
10 really by calling our office. Project
11 NEAT has worked with community
12 organizations around the City. Our
13 phone number's 215-476-8091, and we
14 would be happy to each reach out and
15 continue to work an expand if there are
16 groups that are interested in working
17 with us, absolutely.

18 COUNCILWOMAN BROWN: So then
19 that agreement that you had with the
20 federal government does not restrict it
21 to certain communities; it's a citywide
22 effort?

23 MS. DUNGEE GLENN: No, we have
24 focused it in three core communities --

25 COUNCILWOMAN BROWN: Okay.

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2 MS. DUNGEE GLENN: But we are
3 open to working with organizations
4 throughout Philadelphia.

5 COUNCILWOMAN BROWN: Okay then.
6 Thank you.

7 Are you prepared now to say
8 how this body and/or the Commerce
9 Department can be more helpful with
10 regards to your recommendation that
11 those very specific audiences that you
12 talked about indeed get roped into the
13 pipeline for green-collar jobs: the
14 ex-offenders, at-risk young people,
15 and those who have been unemployed for
16 a long time?

17 MS. DUNGEE GLENN: Well, I
18 think there are a number of
19 organizations around this city, dozens
20 and dozens of them, who are responsible
21 and charged with and often funded to
22 work with those populations, specific
23 populations.

24 COUNCILWOMAN BROWN: Sure.

25 MS. DUNGEE GLENN: I think one

1 5/5/08 - ENVIRONMENT - Res. 080266
2 of the challenges as we develop the
3 policy is that those organizations need
4 to be at the table, because I think
5 this is the right effort, but I don't
6 think we should underestimate the
7 network of support services that have
8 to be in place to make sure that it can
9 successfully meet and target those
10 populations.

11 They need a lot of support in,
12 I guess, a number of soft, I guess --
13 kind of what you might call "soft
14 skilled" or social supports that are
15 in addition to the job training.

16 So I think we need to
17 carefully think through what those
18 needs are, what organizations have
19 been most effective at filling those
20 gaps, and making sure that they are a
21 part of the strategy to design both
22 the training program, the on-the-job
23 internships and then the
24 after-training portions of it to make
25 sure that these residents can really

1 5/5/08 - ENVIRONMENT - Res. 080266

2 be successful.

3 COUNCILWOMAN BROWN: Councilman
4 Jones?

5 COUNCILMAN JONES: Yes. I know
6 you have a urgency of time, and I want
7 you to go get that federal money for
8 our school system.

9 MS. DUNGEE GLENN: Thank you.

10 COUNCILMAN JONES: But I could
11 not help but say that the High School
12 of the Future was LEED certified, which
13 is the national designation, and one of
14 the first high schools to receive that.
15 I have Saul, which has always been a
16 agricultural and pretty green school,
17 Lankenau and Wissahickon, which
18 testified today, all of which are in
19 the 4th Councilmatic District, and I
20 appreciate it.

21 A couple of things. When you
22 had your conference on environment,
23 were representatives of the City and
24 the Commerce Department and PWDC
25 there?

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2 MS. DUNGEE GLENN: Yes, they
3 were. As I mentioned, for our
4 leadership round table, Deputy Mayor
5 Andrew Altman was one of our speakers.

6 COUNCILMAN JONES: Mm-hmm.

7 MS. DUNGEE GLENN: One of our
8 ongoing partners is the Water
9 Department. We also have a very strong
10 partnership with the Streets Department
11 around a recycling initiative.

12 So the City government has
13 been very supportive of our efforts,
14 and EPA is one of our funders. We've
15 also received support and cooperation
16 from the department -- the State
17 Department of Natural Resources,
18 Michael DeBerardinari is secretary,
19 and also from the State Department of
20 Environmental Protection.

21 So there's been good
22 coordination with those various
23 agencies.

24 COUNCILMAN JONES: The next
25 question is: As you start to revamp

1 5/5/08 - ENVIRONMENT - Res. 080266
2 your strategy with your new
3 superintendent, are there going to be
4 more charter schools and/or public high
5 schools designated for these type of
6 votech-skill development? And are they
7 going to be working with the private
8 sector to create mentorships and actual
9 job experience for those kinds of
10 cottage industries?

11 MS. DUNGEE GLENN: Yes. I
12 would say that we're going to be
13 expanding on the career -- what we call
14 "votech" is now "career and technical
15 education."

16 But expanding on those models
17 that are in place, we have some
18 successful models with Philadelphia
19 Academies, for example, is one of our
20 partners. A meeting with Secretary
21 Laurie Shore in a couple of weeks to
22 talk about working with the
23 Administration, what we're calling a
24 "pathways initiative," how we can --
25 from the School District, the City

1 5/5/08 - ENVIRONMENT - Res. 080266
2 administration, along with
3 organizations like the Chamber, expand
4 on a number of things that are in
5 place.

6 And one of the goals is to
7 better identify the sectors where jobs
8 truly will be growing in this region
9 and make sure we have a pipeline back
10 into our schools to prepare young
11 people for those jobs either
12 immediately after high school or after
13 going on for some advanced education.

14 COUNCILMAN JONES: Mm-hmm.

15 MS. DUNGEE GLENN: We're going
16 to try to expand on some of the
17 programs that are in existence.

18 COUNCILMAN JONES: I would urge
19 you to consider City Council as a
20 potential partner. As we start to
21 consider green-zone legislation. We
22 want to be cutting edge but also
23 relevant to your curriculum design, so
24 that's one area.

25 The other strategic partner I

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2 would recommend is the Commissioner of
3 Public Property. During the testimony
4 for their budget, we started to talk
5 about greening of the Philadelphia
6 operation and its respective
7 properties, which is a massive capital
8 undertaking.

9 We looked at even this
10 chamber, which has over 500 different
11 light bulbs. And if you'll just look
12 up, they're not energy-conservation
13 light bulbs, and we're starting to
14 revamp the whole Public Property to
15 start to consider these things, from
16 everything from light bulbs to boilers
17 and electrical systems.

18 So there may be some
19 opportunities within City government
20 proper to take advantage of the
21 curriculum design and also mentorship.

22 MS. DUNGEE GLENN: Thank you.
23 That's an excellent suggestion.

24 And as we spoke to in our
25 hearings before Council on the School

1 5/5/08 - ENVIRONMENT - Res. 080266
2 District's budget, we talked about
3 this task force that would be coming
4 up, Shared Service Task Force, between
5 the District and the City, and that's
6 another area and, I think, mechanism
7 that we can use to explore that.

8 But thank you, that's a great
9 suggestion.

10 COUNCILMAN JONES: Thank you.

11 COUNCILWOMAN BROWN: Finally, I
12 would ask that you keep this body
13 informed of goals and recommendations
14 that you would hope to see from the
15 City departments that you mentioned --
16 Commerce, Street, and Water -- so that
17 we can work with you in helping those
18 departments move towards the goals
19 you've stipulated.

20 MS. DUNGEE GLENN: Thank you
21 very much.

22 COUNCILWOMAN BROWN: Thank you
23 for your testimony.

24 MS. DUNGEE GLENN: Thank you.

25 COUNCILWOMAN BROWN: Do you

1 5/5/08 - ENVIRONMENT - Res. 080266
2 have written copies of your testimony?

3 MS. DUNGEE GLENN: Yes, I do.

4 COUNCILWOMAN BROWN: So you'll
5 leave that with us.

6 MS. DUNGEE GLENN: Yes.

7 COUNCILWOMAN BROWN: Thank you
8 very, very much.

9 MS. DUNGEE GLENN: Thank you.

10 COUNCILWOMAN BROWN: Okay
11 please state your name for the record
12 and welcome to City Council.

13 MS. KNAPP: Thank you. My
14 name's Christine Knapp, and I'm the
15 Eastern Pennsylvania Outreach
16 Coordinator for PennFuture. I'd like
17 to thank Council, especially
18 Councilwoman Reynolds-Brown, for your
19 support and leadership on issues
20 pertaining to stainability in the
21 environment and in particular for your
22 support, Councilwoman Reynolds-Brown,
23 for House Bill 2200 and Special Session
24 of House Bill 1, which are both pending
25 in the State Senate and both of which

1 5/5/08 - ENVIRONMENT - Res. 080266
2 would create thousands of new
3 green-collar jobs here in the State of
4 Pennsylvania. I believe you have
5 proposed legislation -- or a resolution
6 --

7 COUNCILWOMAN BROWN: A
8 resolution.

9 MS. KNAPP: -- in support of
10 that legislation, and I thank you for
11 that support, and I would urge other
12 members of Council to support it.

13 The fact that these hearings
14 are being held today is a great step
15 forward in starting a dialogue about
16 how Philadelphia can position itself
17 to be a leader and to capitalize on
18 the very exciting and inspiring
19 emerging green economy.

20 While green-collar jobs have
21 been defined earlier today as blue-
22 collar jobs within organizations whose
23 practices and products promote a
24 healthy environment, the green economy
25 is much broader.

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2 The move towards sustainability
3 and especially the climate-change
4 challenge is creating a whole new
5 industry of jobs and new
6 responsibilities within existing jobs.
7 While green-collar jobs are replacing
8 manufacturing jobs and others lost
9 overseas, the green economy is
10 creating entire new business models
11 that never existed before and is also
12 altering existing businesses to make
13 them more competitive.

14 Philly Car Share and Recycle
15 Bank are examples of two
16 Philadelphia-based companies with what
17 would be considered more of a
18 white-collar employee base but whose
19 businesses have provided a new
20 economic boost to the City while also
21 promoting environmentally-sound
22 practices and policies.

23 Gamesco (sp?), one of the
24 largest wind companies in the world,
25 have their corporate North American

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2 headquarters here in Philadelphia, and
3 while they also employ green-collar
4 workers at their plant in Bucks
5 County, they have many white-collar
6 workers here in Philadelphia that
7 helps promote our green economy.

8 Gamesso's location in
9 Pennsylvania was no accident. Their
10 choice to locate here was greatly
11 impacted by the passage of the
12 alternative energy portfolio standard
13 by the State several years ago. This
14 legislation required the production
15 and use of renewable energy, thus
16 creating a demand for alternative
17 energy companies to locate here. This
18 is a perfect example of how smart,
19 thoughtful legislation can help the
20 green economy in the State and in the
21 City.

22 I am working, as Leanne from
23 the Sustainable Business Network
24 mentioned earlier, with that
25 group's -- with the groups that are

1 5/5/08 - ENVIRONMENT - Res. 080266
2 coming together to take a look at
3 policy. And on behalf of the policy
4 committee, I wanted to share with you
5 some of the work that we've been doing
6 thus far.

7 We are looking at best
8 practices in other cities to explore
9 what type of legislative policy would
10 help best Philadelphia grow and
11 develop green-collar jobs here in the
12 city.

13 We see in other cities that
14 there has been success on several key
15 fronts. First, to help create a
16 market for green products and
17 services, the City can change its
18 procurement policies. For example, in
19 Chicago, they set not only a standard
20 for purchasing renewable energy, but
21 they also require that any solar
22 panels purchased by the city had to be
23 manufactured within the city.

24 COUNCILWOMAN BROWN: Mm-hmm.

25 MS. KNAPP: Our policies are

1 5/5/08 - ENVIRONMENT - Res. 080266
2 going to be continuing to looking at
3 practices like that, and we'll be happy
4 to share that type of research with you
5 as we continue.

6 Secondly, the concept of a
7 green enterprise zone, which was
8 mentioned earlier, has also been
9 successful in other cities, and much
10 the same way that a Keystone
11 Opportunity Zone helps to attract
12 businesses to certain parts of our
13 city that need that kind of help, a
14 green enterprise zone would
15 incentivize development of green
16 businesses and the hiring of
17 green-collar job workers.

18 Lastly, as Council knows, the
19 creation of Green Job Corps is
20 essential as well. Without trained,
21 qualified workers, green businesses
22 that choose to locate in Philadelphia
23 will not succeed. Green-collar jobs
24 do not require college or even a high
25 school education, but there are basic

1 5/5/08 - ENVIRONMENT - Res. 080266
2 life skills and job skills that must
3 be learned. Once trained, these
4 workers will have the opportunity to
5 get family-supporting jobs with
6 benefits and opportunities for
7 advancement. This training will
8 literally create what Van Jones calls
9 "the green pathways out of poverty."

10 I'm so grateful to Council for
11 holding this hearing and for taking
12 the time carefully consider how we can
13 best work together to grow our green
14 economy. We hope to continue this
15 dialogue with you through meetings and
16 by sharing the research that we are
17 collecting throughout the years.

18 Thanks very much.

19 COUNCILWOMAN BROWN: Mm-hmm.

20 Thank you.

21 We will hear from the others
22 and then we'll open it up to
23 questions.

24 Please, Julie Wicks.

25 MS. WICKS: Good afternoon.

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2 COUNCILWOMAN BROWN: Good

3 afternoon.

4 MS. WICKS: My name is Judy

5 Wicks. I'm the owner of the White Dog

6 Cafe in West Philadelphia, a

7 25-year-old restaurant that employs

8 over 100 people. I'm also a founder of

9 the Sustainable Business Network of

10 Greater Philadelphia and serve on the

11 employer committee of the Green Job

12 Corps project.

13 Green businesses are those

14 which produce a product or service

15 beneficial to their communities and

16 natural environment while also

17 striving to use green business

18 practices, which work in harmony with

19 natural systems.

20 The White Dog Cafe is a green

21 business because we buy from local

22 farmers who use sustainable-farm

23 practices such as organic fruit and

24 vegetable production and raise farm

25 animals on pasture with natural diets,

1 5/5/08 - ENVIRONMENT - Res. 080266
2 without use of hormones and
3 antibiotics. We also heat water by
4 solar, purchase one hundred percent of
5 electricity from wind power, and
6 recycle and compost waste. Other
7 sectors of green business include
8 organic food producers and processors,
9 green building-construction, energy
10 efficiency, solar installation, green
11 landscaping, alternative
12 transportation and fields, recycling,
13 ecofriendly cleaning and office
14 supplies, zero-waste manufacturing,
15 and many others.

16 Studies show that green
17 businesses generally provide better
18 wages and benefits while offering
19 meaningful work. In addition, green
20 businesses are a growing sector of the
21 economy, with worker opportunities for
22 upward mobility.

23 Speaking from the employer's
24 perspective, the Green Job Corps will
25 be an important resource for several

1 5/5/08 - ENVIRONMENT - Res. 080266
2 reasons. First of all, this program
3 will deliver employees who have been
4 trained in basic soft job skills such
5 as punctuality, communication skills
6 and literacy, as well as hard skills
7 in a specific trade. Green Job Corps
8 workers will also have had the
9 experience of working as mentees or
10 interns in green businesses, as they
11 will have some work experience before
12 full-time employment.

13 The White Dog has had a
14 mentoring program for high school
15 students for 15 years, and we have
16 seen firsthand how youth become
17 inspired by work experiences in a
18 values-led green company.

19 What sets this program apart
20 from traditional job training is that
21 members of the Green Job Corps will be
22 given a basic understanding of the
23 environmental crisis, including
24 climate change, resource depletion,
25 pollution, and waste. They will be

1 5/5/08 - ENVIRONMENT - Res. 080266
2 shown the important role that workers
3 in green businesses play in
4 confronting these challenges. Green
5 Corps job workers will come to the
6 workplace motivated and excited to be
7 part of the solution.

8 Employees who believe they are
9 contributing to the common good
10 through meaningful work have a much
11 higher work ethic. They are much more
12 likely to make a positive contribution
13 to the workplace, have pride and a
14 sense of fulfillment that results in
15 fewer absences and increased
16 longevity.

17 The employer also benefits by
18 having a Green Jobs Corps job bank to
19 turn to when a job opening occurs and
20 can have confidence that qualified
21 employees will be sent who have been
22 trained and motivated to do a good
23 job.

24 A Green Jobs Corps will help
25 Philadelphia attract other green

1 5/5/08 - ENVIRONMENT - Res. 080266
2 businesses to our city, building both
3 the supply of and demand for
4 green-collar workers in a prosperous
5 and growing local green economy.

6 Thank you.

7 COUNCILWOMAN BROWN: Thank you.
8 Good afternoon.

9 MS. DE VAN-LAKE: Good
10 afternoon.

11 COUNCILWOMAN BROWN: Please
12 state your name for the record.

13 MS. DE VAN-LAKE: My name is
14 Sonia De Van-Lake. I'm from the
15 Philadelphia Workforce Development
16 Corporation and I'm here on behalf of
17 Mr. Earnest Jones, who could not be
18 here today.

19 I am pleased to submit this
20 testimony on behalf of the
21 Philadelphia Workforce Development
22 Corporation on the topic of
23 green-collar jobs. PWDC is the City's
24 premier workforce development agency
25 dedicated to finding employment

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2 opportunities for job seekers and
3 providing employers with a quality
4 workforce. We provide services to the
5 general public and welfare
6 participants.

7 I would like to thank
8 Councilwoman Blondell Reynolds-Brown
9 for inviting us to this session, as
10 green-collar jobs are the jobs of the
11 future. And as the region responds to
12 the national call to join the green
13 movement PWDC is also looking for new
14 initiatives to prepare the City's
15 workforce to connect them to new job
16 training and employment opportunities
17 being created as a result of this
18 movement.

19 Our green-collar workforce
20 development activities are in the
21 infancy stages. However, we are happy
22 to announce in the realm of this
23 meeting that we will soon launch our
24 first green-collar job-training
25 initiative through an innovative

1 5/5/08 - ENVIRONMENT - Res. 080266
2 computer refurbishing program. The
3 program will establish worksites for
4 persons transitioning from welfare to
5 work, while contributing to the
6 development of solutions to
7 environmental issues related to
8 electronic waste.

9 Participants in the program
10 will receive experience in tasks
11 related to the receipt and
12 demanufacturing of donated computers
13 and related equipment. Specific jobs
14 will be available in receiving,
15 diagnostics, and testing, equipment
16 cleaning, material-handling, and
17 demanufacturing.

18 It is our hope that this is
19 the first of many green-collar job
20 initiatives in which PWDC can be
21 involved. We at PWDC feel strongly
22 about the planning for green-collar
23 jobs, and we are committed to working
24 with the office of Councilwoman
25 Blondell Reynolds-Brown, the

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2 Sustainable Business Network,
3 employees, and job-training providers
4 to help grow green jobs and prepare
5 the City's workforce for this
6 movement.

7 COUNCILWOMAN BROWN: Thank you
8 very, very much, all of you.

9 Has the Philadelphia Workforce
10 Development Corporation taken
11 advantage of -- and correct me if I'm
12 wrong, PennFuture. The 125 million
13 appropriated by Congress December '07
14 go to the State; is that correct?
15 PennFuture, is that the --

16 MS. KNAPP: It hasn't been
17 allocated yet.

18 COUNCILWOMAN BROWN: It has
19 not?

20 MS. KNAPP: No.

21 COUNCILWOMAN BROWN: Okay. So
22 then, therefore, the Philadelphia
23 Workforce Development Corporation would
24 not have had the opportunity yet to
25 apply for those dollars.

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2 MS. KNAPP: No, not yet.

3 COUNCILWOMAN BROWN: The next
4 steps that PennFuture has in terms of
5 opportunities for this legislative body
6 to have a role or play a role would be
7 what?

8 MS. KNAPP: We are trying to
9 identify those now; that is the work
10 that the policy committee is taking a
11 look at, best practices from other
12 cities, how that legislation has
13 impacted the growth of green-collar
14 jobs that we can kind of come to you
15 and say we think these are the top
16 three things that this body can do.

17 I think I outlined a couple of
18 the areas that seem to be the most
19 successful. The Procurement policies,
20 the Green Job Corps, and the green
21 enterprise zone, those seem to be the
22 three that have been most successful
23 in other cities, but we want to make
24 sure we do a comprehensive look --

25 COUNCILWOMAN BROWN: Sure.

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2 MS. KNAPP: -- so that we can
3 kind of do the best thing here based on
4 other people's experiences.

5 COUNCILWOMAN BROWN: It really
6 is important. Someone said that we
7 carefully consider how we proceed so
8 that we do it in a way that makes sense
9 and do it in a way where we're not
10 having the benefit of hindsight 20/20,
11 saying we should have done X, Y, Z
12 differently.

13 MS. KNAPP: Right.

14 COUNCILWOMAN BROWN: So it's
15 extremely important that we proceed in
16 a very circumspect manner.

17 Ms. Wicks, are there any
18 recommendations or suggestions that
19 you might want to offer at this
20 juncture of this learning curve that
21 we're all on as we move to create a
22 Green Job Corps?

23 MS. WICKS: Well, speaking from
24 the employer's perspective, of course,
25 to involve employers with the

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2 development of the training programs to
3 make sure that the training programs
4 are, in fact, preparing the employees
5 for the specific jobs that are
6 available.

7 COUNCILWOMAN BROWN: Mm-hmm.

8 MS. WICKS: I mean, in the
9 restaurant business, for instance --
10 the only business that I know really --
11 the difference is that in green
12 restaurants, products are fresh and
13 local from the farm, and so it takes
14 different skills to prepare those
15 vegetables and cook them than it would
16 in restaurants where the food comes in
17 frozen from Sysco.

18 COUNCILWOMAN BROWN: I see, I
19 see.

20 Any other comments or
21 testimony you would like to offer?

22 Councilman Jones.

23 COUNCILMAN JONES: Yes. Two
24 things.

25 One, on your decommissioning

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2 of electronic equipment, are you in
3 communications with the Philadelphia
4 Procurement Department? because we
5 dispose of a great deal of ray tubes
6 and other things that are not
7 ecofriendly. And as we start to do
8 that, I don't know what relationship
9 your nonprofit has with the City of
10 Philadelphia, but for sure, there's a
11 lot of surplus electronic equipment
12 that has to be disposed of, and maybe
13 there's some synergy between the two.

14 MS. DE VAN-LAKE: I would say
15 so as well. I know we have not been in
16 touch with the City's Procurement
17 Department.

18 The initiative that I
19 mentioned is going to be launched
20 within the next few weeks. We're
21 hoping to have a press conference and
22 a kickoff, so all of that is being
23 orchestrated, and they did mention
24 hopefully having like a citywide
25 computer, you know, drive.

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2 So we would be definitely in
3 touch and follow your advice.

4 COUNCILWOMAN BROWN: Is
5 Philadelphia Workforce Development
6 Corporation at any of the tables that
7 you've heard about today?

8 MS. DE VAN-LAKE: Oh, yes.

9 COUNCILWOMAN BROWN: Okay.

10 MS. DE VAN-LAKE: Thankfully
11 enough, we were invited by the
12 Sustainability Business Network to
13 attend the green economy session that
14 was held here.

15 COUNCILWOMAN BROWN: Very good.

16 MS. DE VAN-LAKE: And as a
17 result of that, I personally have
18 joined a job training committee. And
19 thankfully, the "Building a Green
20 Economy Booklet" that they distributed
21 at the session is really our number-one
22 source as we educate ourselves on
23 identifying green-collar jobs and
24 defining what a green-collar job is.
25 So we really look to participating with

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2 the network on the various committees.

3 I have other colleague who are
4 going to sign up for other committees
5 as well, which is why -- and Mr. Jones
6 has a profound interest in this
7 particular movement because we need to
8 seize the opportunity for low-income
9 individuals to be prepared for this.

10 COUNCILWOMAN BROWN: Mm-hmm,
11 absolutely.

12 MS. DE VAN-LAKE: And PWDC is
13 in need of non-traditional jobs that
14 fall within the realm of green-collar
15 jobs.

16 We receive jobs from
17 employers, but they're the same jobs
18 all the time, so we are looking to
19 this movement. And we will be able to
20 offer our populations a higher skill
21 set.

22 COUNCILWOMAN BROWN: More
23 options.

24 MS. DUNGEE GLENN: Yes, a
25 higher skill set of career training.

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2 So we look forward to it taking place.

3 COUNCILWOMAN BROWN: I'm
4 pleased to hear that because of one
5 consistent recommendation, suggestion,
6 "have-to" is coordination and
7 collaboration across the board, where
8 all the stakeholders that are remotely
9 or directly or indirectly impacted by
10 this are at the table from square one.

11 So I'm delighted to hear that
12 your organization is at the table.

13 Councilman Jones?

14 COUNCILMAN JONES: In
15 conjunction with the Chairlady's point,
16 we need to incorporate a couple of
17 other entities. One, the City of
18 Philadelphia's personnel department as
19 we start to look to jobs of the future.
20 And as we start to design
21 qualifications for engineers and people
22 designing our cities, those kinds of
23 environmental certifications may be --
24 prove more important.

25 Number two, we have now a

1 5/5/08 - ENVIRONMENT - Res. 080266
2 strategic partnership with Community
3 College, which is another training
4 entity within the City of
5 Philadelphia, and as we start to
6 prepare for these green jobs, they
7 need to be at the table to
8 reverse-engineer some of their
9 curriculum to accommodate those
10 opportunities.

11 COUNCILWOMAN BROWN: Indeed.

12 COUNCILMAN JONES: And,
13 finally, the unions. As we start to
14 talk about the plumbers union and the
15 other unions that -- whether it's
16 glazers or others, that are start to go
17 look at ecosystems as a factor and what
18 they build, how they build, how they
19 design.

20 And I just think that all -- I
21 agree with you, Madam Chairwoman, that
22 we need to have all of these people at
23 the table now to start to get it right
24 as a municipality.

25 Thank you, Madam Chair.

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2 COUNCILWOMAN BROWN: Thank you
3 all for your testimony.

4 Our final panel: Liz
5 Robertson with the Energy Coordinating
6 Office; Christiaan Morssink, Healthy
7 Environmental Collaborative; and Glenn
8 Bergman, General Manager for Weaver's
9 Way Corporation.

10 (Witnesses come forward.)

11 (Councilman Jones assumes
12 Committee Chair position.)

13 COUNCILMAN JONES: Thank you.
14 Can you state your name for the record
15 and begin your testimony, please.

16 MR. BERGMAN: My name is Glenn
17 Bergman. I'm from Weavers Way Co-op in
18 Mt. Airy -- not in your district, I'm
19 sorry to say.

20 MR. MORSSINK: Christiaan
21 Morssink, Health Environmental
22 Collaborative.

23 MR. NAPLES: Good afternoon.
24 I'm Jerry Naples. I'm with Greensgrow
25 Farm. I was a late addition, so I'll

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2 bring up my --

3 COUNCILMAN JONES: Thank you.

4 MR. MORSSINK: Thank you for
5 this opportunity.

6 COUNCILMAN JONES: Can you
7 speak into the microphone a little?

8 MR. MORSSINK: Closer to it?

9 COUNCILMAN JONES: Yes.

10 MR. MORSSINK: Okay. I'm
11 Christiaan Morssink, Chair of the
12 Healthy Environmental Collaborative, a
13 citywide platform for public health
14 workers and environmentalists,
15 planners, builders, and activists
16 convened by the Philadelphia Department
17 of Public Health.

18 Last September, we organized a
19 conference on urban farming as a way
20 to improve public health as well as to
21 provide economic opportunities in
22 Philadelphia. At the end of the
23 conference, there was a consensus that
24 Philadelphia needs to expand its
25 knowledge base for urban farming and

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2 that structural changes are needed to
3 create a viable local food system that
4 supports urban agricultural
5 entrepreneurs.

6 There's a sense of urgency in
7 the need to create large pool of urban
8 farmers. The current food crisis has
9 politicians worldwide scrambling for
10 options and short-term solutions. It
11 has been described as, quote, a call
12 to order. The days of cheap food are
13 behind us and the crisis eliminates
14 the limits of industrial agriculture.
15 There is an urgent need to invest in
16 new ways of agriculture, unquote.

17 In the context of changing
18 food policies, urban farming provides
19 a very fundamental wholistic solution
20 and tackles the problem of food
21 insecurity, inequalities in food
22 availability, and the current large
23 carbon footprint of industrial
24 agriculture.

25 Produce from urban farming can

1 5/5/08 - ENVIRONMENT - Res. 080266
2 improve access to nutrition by fresh
3 fruits and vegetables, thereby
4 decreasing obesity-related diseases.
5 Urban farming leads to better health
6 states of communities, better food
7 safety, and overall improvement of the
8 quality of life.

9 Urban farming increases tax
10 revenue, economic development,
11 real-estate value, and civic
12 engagement.

13 Urban farming reduces waste-
14 water treatment and water management,
15 it reduces green house gases and urban
16 heat island effect, and it reduces the
17 ground-level ozone and diverts tonnage
18 from landfill.

19 Philadelphia is currently
20 uniquely positioned to advance this
21 new trend in food production.
22 Currently, there are many community
23 gardens and projects from nonprofits
24 operating in the City. Next to that,
25 there are now five viable urban farms:

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2 Teens For Good Farms, Mill Creek Farm,
3 Greensgrow Farm, Flat Rock Farm, and
4 Weavers Way Farm.

5 The Somerton (indiscernible)
6 on land of the Water Department is
7 currently closed for tower
8 renovations. As recently as 2006,
9 it's yielded over \$68,000 in sales of
10 produce from only one-half-acre of
11 land. Precious knowledge and
12 experience about wholistic farming
13 coupled with highly successful
14 commercial results exist currently in
15 Philadelphia, albeit in small numbers.

16 Local professionals with this
17 knowledge base are available to help
18 expand the Green Job Corps fast and
19 rigorously, aided by a national
20 movement of training workshops, tech
21 supports, and Internet education.

22 However, there are structural
23 barriers to be addressed in order to
24 get a Green Jobs Corps of urban
25 farmers operational, effective,

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2 productive, and on an economically
3 sustainable footing. These include
4 the exorbitant cost of liability
5 insurance that vendors often require
6 of urban farmers and economies of
7 scale of the local food distribution
8 system.

9 The current delivery system is
10 not geared to its feasible input from
11 local growers particularly with
12 respect to cleaning, packing and
13 shelving, and in terms of year-round
14 demand. Furthermore, the City's
15 banking system is not capable and/or
16 willing to undertake financing of
17 farming and food-production activities
18 as currently produced.

19 By addressing these barriers,
20 however, Philadelphia can further
21 increase local economic opportunities.
22 Philadelphia is not leveraging its
23 relation (indiscernible) as the USDA
24 and its vast apparatus of assistance,
25 guidance, and subsidies for farmers.

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2 The current zoning system and
3 land-use regulations are also
4 ill-equipped to deal with the
5 commercial and technical legal needs
6 of farm investment.

7 Finally, there is a cultural
8 issue. The mindset that underlies the
9 laws and regulations of our current
10 urban landscape are based in no small
11 measure of a culture of urban
12 preference over rural agricultural
13 living. There is still in many parts
14 of our cultural fabric a bias against
15 toiling in the field, often seen as
16 suitable for the uneducated.

17 However, agriculture has come
18 a long way. Urban farming beyond
19 community gardening and volunteer
20 leisure-time activities requires
21 in-depth knowledge of biology and
22 ecology as well as market acumen. It
23 needs to be understood for the
24 fundamental scientifically based
25 function it has in the political

1 5/5/08 - ENVIRONMENT - Res. 080266
2 economy of our society. It will take,
3 therefore, some effort, incentives,
4 and time to get people being pulled
5 into this career choice.

6 Education, (indiscernible)
7 building, and good economic
8 opportunities need to be early parts
9 of our efforts to create a strong,
10 large Green Job Corps in order to
11 overcome the cultural (indiscernible)
12 that may still manifest itself among
13 many of our city-dwellers.

14 In conclusion, I urge you to
15 take the urban farmer as the role
16 model for those who may want to join
17 the ranks of the Green Job Corps.

18 Thank you for your
19 consideration.

20 COUNCILWOMAN BROWN: We'll hear
21 all of the testimony and then we'll
22 open it up for questions. Thank you
23 sir.

24 MR. BERGMAN: My name is Glenn
25 Bergman. I'm the general manager of

1 5/5/08 - ENVIRONMENT - Res. 080266
2 Weavers Way Co-op in Mt. Airy. We are
3 a \$78.5 million business employing 60
4 people, with 3,300 members who own the
5 support, representing about 5,000
6 people who live mainly the northwest
7 section of Philadelphia.

8 We also do a lot of work in
9 schools such as Wissahickon Charter
10 School and the Martin Luther King
11 School, where we now have a
12 third-of-an-acre farm and also a small
13 co-op that the children run.

14 A few years ago, I have
15 testimony that I've submitted, but
16 what I wanted to do was show you a
17 DVD. Its about ten minutes, twelve
18 minutes. It's Awbury Arboretum. It
19 sits on the northwest track of Awbury
20 Arboretum, which was unused for many
21 years.

22 A number of years ago, we
23 started doing education programs
24 there. Two years ago, we started to
25 do a full-blown farm. Last year, it

1 5/5/08 - ENVIRONMENT - Res. 080266
2 netted \$50,000 in produce, it employed
3 two people, and it had a number of
4 children, 750, 800 children coming
5 through for education programs.

6 So I thought maybe we could
7 see this. If you want to stop at any
8 point --

9 COUNCILWOMAN BROWN: Surely.
10 Thank you.

11 MR. BERGMAN: Sure.

12 (DVD about Weavers Way Farm is
13 shown.)

14 MR. BERGMAN: I thought I would
15 cut it from there.

16 But I just wanted to give you
17 an idea what we're doing on a tract of
18 land that has not been used, and we've
19 been employing some people, and when
20 we look at empty land in the City of
21 Philadelphia, what we see is the
22 capability of putting up a farm or
23 small plots there that are run by
24 local people, who then can sell into
25 the food stream.

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2 COUNCILWOMAN BROWN: Mm-hmm.

3 MR. BERGMAN: Just as we buy as
4 a co-op, we can buy from anywhere. We
5 buy from the Saul School, we'll be
6 buying from Martin Luther King High
7 School. We will continue to expand
8 this program.

9 We're looking now, at possibly
10 doing something with Fairmount Park
11 with some historic housing with
12 farming and also with farmers markets
13 and flea markets, things like that.

14 COUNCILWOMAN BROWN: Very good.
15 Let's hear the other testimony and then
16 I do have a few other questions.

17 Thank you very much.

18 MR. NAPLES: Good afternoon.

19 COUNCILWOMAN BROWN: Good
20 afternoon.

21 MR. NAPLES: Good afternoon.
22 Thank you all for allowing me to speak
23 today on behalf of the green jobs
24 initiative before you. My name is
25 Jerry F. Naples, Jr. and I appear

1 5/5/08 - ENVIRONMENT - Res. 080266
2 before you today as a representative of
3 the Greensgrow Philadelphia project, a
4 local 501(c)3 entity that overseas the
5 Greensgrow Farm operation right here in
6 Philadelphia a few miles north of where
7 we are right now, up in New Kensington.
8 And you might say that at Greensgrow
9 Farm, we know from green jobs. So on
10 behalf of the entire farm, I appreciate
11 the platform.

12 These hearings are being
13 conducted ostensibly to move toward
14 the adoption or formation of a Green
15 Jobs Corps. Without question, the
16 timely adoption measures necessary to
17 create a Green Jobs Corps here in
18 Philadelphia is important. Beyond
19 that, it's important for all of the
20 right reasons.

21 Christiaan gave a good
22 accounting of some of the various
23 fundamental barriers and the issues
24 that face green jobs from a practical
25 today standpoint.

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2 COUNCILWOMAN BROWN: Yes.

3 MR. NAPLES: Glenn's video was
4 very revealing as to what can go on.

5 If you notice, in one of the
6 backdrops, there was a "Buy Fresh, Buy
7 Local" placard, and I think that
8 that's very important because the
9 impact of the jobs that are being
10 envisioned by this type of activity
11 are all jobs that are going to hit
12 home right here.

13 I'm going to try to abbreviate
14 my comments because most of it has
15 already been covered in a very
16 powerful way.

17 COUNCILWOMAN BROWN: Okay.

18 MR. NAPLES: The green jobs
19 envisioned by the Green Jobs Corps are
20 essentially what we can do and what we
21 can do now. They are what I like to
22 call "close to home," but their
23 positive impact literally could be felt
24 from South Street to Indonesia.

25 Green jobs promote energy-

1 5/5/08 - ENVIRONMENT - Res. 080266
2 efficient and local economic
3 independence, but we need not connect
4 fuel here with food far away. We have
5 a phrase in our current lexicon that's
6 called "food sovereignty," which
7 speaks to our own ability to master or
8 control supply for what's on our
9 tables. Buy fresh, buy local.

10 COUNCILWOMAN BROWN: Mm-hmm.

11 MR. NAPLES: In a country where
12 the average fruit or vegetable travels
13 more than a thousand miles to reach
14 your plate, the impact of soaring costs
15 for everything, from transportation to
16 production, which is nutrients, fuel,
17 labor, and the ever-increasing demand
18 are felt in every home.

19 So while we may be able to
20 drive less, which, as a nation, we are
21 today, the miles being driven i going
22 down, and while we could use SEPTA
23 locally, which happily we are more and
24 more, as ridership is going up, are we
25 ready to give up being locally

1 5/5/08 - ENVIRONMENT - Res. 080266
2 sustainable? And this initiative says
3 loud and clear no.

4 In light of all this, the farm
5 I'm representing today, Greensgrow, is
6 an oasis of sustainability. It's a
7 smart solution to a number of
8 problems.

9 Greensgrow Farm's success is
10 closely tied to the creation of green
11 jobs. In its tenth year, Greensgrow
12 is currently staffed by five full-time
13 and six seasonal employees.

14 Greensgrow Farm likes to talk
15 about growing food, flowers, and
16 friends, but on land leased from the
17 New Kensington CDC, it is located on a
18 cleaned-up former Superfund site. At
19 that farm, I'd like to talk about one
20 four-letter. Can we use four-letter
21 words in here? J-O-B-S, jobs.

22 Greensgrow Farms is a model of
23 sustainability. It brings nutrition
24 into the urban center, it supports
25 local farmers and growers with its

1 5/5/08 - ENVIRONMENT - Res. 080266
2 successful 225-member CSA, or
3 community-supported agricultural
4 program, grows lettuces, heirloom
5 tomatoes, an assortment of vegetables
6 that the patrons all enjoy from the
7 locale as well as restaurants that are
8 supplied.

9 And Greensgrow Farms is a
10 place where nearly a dozen
11 Philadelphia City wage-tax-paying
12 folks go to work every day.

13 COUNCILWOMAN BROWN: Yes.

14 MR. NAPLES: If we all walked
15 up to the farm right now, we'd see that
16 Greensgrow is a bee hive of activities
17 for our residents that are now into the
18 spring planing season. It's one of the
19 best examples in the country of how to
20 make Green Jobs Corps make a
21 difference.

22 Thanks to Mary Seton Corboy,
23 who runs the farm, who is actually
24 working today, of course, there's no
25 reason why we can't make a more

1 5/5/08 - ENVIRONMENT - Res. 080266
2 institutionalized Green Jobs Corps
3 make a bigger difference throughout
4 Philadelphia and, therefore, the
5 country.

6 You asked a question before,
7 and before we get to any answers,
8 the -- how can you implement a Green
9 Jobs Corps? how can they be used to
10 make a difference?

11 I think that, as Glenn's
12 comments and experience and show, the
13 demand is already there. Recycling
14 saves money, biodiesel saves money,
15 energy efficiency will save money, so
16 there's an offset there. There's
17 already a demand component there.

18 I think that the focus needs
19 to be on scale and focusing on
20 implementation of programs through the
21 infrastructure that exists. We saw
22 the future of infrastructure with
23 those two young folks from Saul. They
24 did a very eloquent job of expressing
25 their experience, but we do have a lot

1 5/5/08 - ENVIRONMENT - Res. 080266
2 of votech, we do have an agri --
3 there's only two agricultural high
4 schools in the whole country, and one
5 of them is right here.

6 COUNCILWOMAN BROWN: Right.

7 MR. NAPLES: So as a closing
8 comment, Councilwoman, I think that
9 that's something if we look at what we
10 have and work within the structures
11 that we have, we'll find that we have a
12 fair head start and hopefully we will
13 be able to get the plumbin' hummin'
14 more quickly.

15 Thank you.

16 COUNCILWOMAN BROWN: Thank you
17 for your testimony.

18 Ms. Robertson, could we hear
19 from you before we open it up to
20 questions.

21 MS. ROBERTSON: Yes. And thank
22 you for tolerating my PowerPoint
23 presentation here. I'm going to have
24 some assistance from the back.

25 Next slide, please.

1 5/5/08 - ENVIRONMENT - Res. 080266

2 Green-collar jobs -- thank
3 you. This is the ECA staff. We're
4 almost a hundred people and almost all
5 of our staff come from the
6 neighborhoods that we serve, which are
7 primarily the low-income neighborhoods
8 in the city.

9 Next slide, please.

10 I'm sorry the quality here is
11 so poor. The color changed; sorry
12 about that.

13 COUNCILWOMAN BROWN: That's
14 quite all right.

15 MS. ROBERTSON: Energy
16 conservation is our primary work, and
17 we provide energy conservation services
18 in existing homes primarily, although
19 we're doing an increasing amount of new
20 construction work as well.

21 So last year, we provided
22 energy conservation in 2,800 homes,
23 education to more than 5,000 people,
24 heating-system repair and replacement
25 in more than 3,000 homes, and bill-

1 5/5/08 - ENVIRONMENT - Res. 080266
2 payment assistance -- this is our huge
3 one -- to more than 40,000
4 Philadelphians. In addition, we also
5 do a great deal of energy policy and
6 advocacy work.

7 The important thing about ECA
8 is that we leverage more than \$4 for
9 every dollar invested in our
10 organization.

11 Next slide. Thank you.

12 Energy prices, as you know,
13 are high and rising. I think, as we
14 sit here today, oil is more than \$120
15 a barrel, fuel oil has reached \$4 a
16 gallon, and coal has more than doubled
17 in price, and I don't need to remind
18 you that electricity rate caps are
19 coming off in 2010.

20 The best projection is that
21 energy prices will continue to rise
22 between 6 and 10 percent each year
23 every year.

24 So this is where we are.
25 We're at the peak of world oil

1 5/5/08 - ENVIRONMENT - Res. 080266
2 production, and we're also at the peak
3 of world gas production.

4 Next slide. So this graph is
5 the actual trend in energy prices in
6 Philadelphia. So energy prices in the
7 City were very flat and very stable
8 through the '80s and into the early
9 '90s but, since then, have been
10 rapidly rising. The slope is a 6
11 percent slope.

12 So it doesn't take long to
13 realize that we cannot continue to
14 absorb price increases of the type
15 that we are seeing. And what is
16 filling that gap -- that rising green
17 space there is what we call "the
18 affordability gap." The affordability
19 gap is made up by delinquency,
20 termination, housing abandonment,
21 fatal fires, and all sorts of other
22 problems that are citywide.

23 Next slide, please.

24 This comes from the City's
25 greenhouse gas emissions inventory.

1 5/5/08 - ENVIRONMENT - Res. 080266
2 As we face climate change, we have to
3 ask the question, How do we reduce our
4 carbon emissions?

5 Well, carbon emissions in the
6 City of Philadelphia, 51 percent of
7 our CO2 emissions and greenhouse gas
8 emissions, generally are in our
9 buildings. I was very glad to hear
10 the Councilman talk earlier about
11 changing out these light bulbs. I
12 don't know how many times I've sat in
13 this chamber and counted these light
14 bulbs. So I hope we get started on
15 these initiatives very soon.

16 The ambulance of our green
17 house gas emissions are shared between
18 transportation and industry and waste,
19 those three categories. So it's
20 important to recognize that in the
21 buildings area, 65 percent of the
22 square footage in Philadelphia is
23 homes.

24 COUNCILWOMAN BROWN: Hmm.

25 MS. ROBERTSON: So energy

1 5/5/08 - ENVIRONMENT - Res. 080266
2 conservation should begin at home if
3 we're going to solve climate change.

4 Next slide. Sorry for the
5 poor color quality on this one as
6 well. But the point of this slide --
7 this slide is fascinating if you could
8 read it. It graphs the clean-energy
9 resource in the United States.

10 And without going into the
11 detail here, just to give you an idea,
12 the blue band, which you can still see
13 is still blue, that's wind-energy
14 resource. And then below that are a
15 number of other resources, including
16 geothermal and solar, concentrating
17 solar power, biomass, biofuels. But
18 the huge gray wedge at the top of this
19 set of wedges is energy conservation
20 and efficiency.

21 So in the United States,
22 energy conservation and efficiency
23 comprise 51 percent of all clean-
24 energy resources.

25 So when you asked the

1 5/5/08 - ENVIRONMENT - Res. 080266
2 question, Well, how are we going to
3 reduce our greenhouse gas emissions by
4 80 percent by 2020? which is what all
5 the climate scientists say we have to
6 do to stabilize the climate, you have
7 to look at the resource of where it
8 is. The resource that we need to
9 deploy is energy conservation and
10 efficiency, and we need to deploy that
11 resource as quickly as we can.

12 Next slide, please.

13 Again, sorry for the poor
14 quality.

15 This is Willie Warren, one of
16 our staff members, in a Philadelphia
17 rowhome attic cavity. Most people in
18 Philly think they don't have an
19 addict; that's because it's so skinny.
20 But willie's lying down here,
21 preparing to insult this attic cavity.
22 And this is just one of the many
23 green-collar jobs that energy
24 conservation in building creates.

25 Energy conservation is the

1 5/5/08 - ENVIRONMENT - Res. 080266
2 cheapest form of energy, it's the
3 cleanest form of energy, and it is
4 also the most labor-intensive. It
5 creates more jobs. All of these are
6 local jobs. So it creates more jobs
7 than any other form of energy,
8 including solar. It's more job-
9 intensive, more labor-intensive than
10 solar.

11 Next slide, please.

12 These are -- ECA has a program
13 we call "Smart Energy Solutions" in
14 which we do our work for people who
15 are not low-income. These are a
16 number of different kinds of services
17 that we provide: energy audits,
18 occupant education, water and
19 electricity conservation, air sealing,
20 insulation, window and door
21 replacement, heating-system repair and
22 replacement, white roof coating. And
23 then the last two are for new
24 construction: Energy Star Homes and
25 LEED for homes.

1 5/5/08 - ENVIRONMENT - Res. 080266

2 Next slide. This is energy
3 auditing, showing you a blower door,
4 which is a really important diagnostic
5 tool that's used in home-energy
6 auditing.

7 Next slide. This is air
8 sealing. This is something I
9 recommend highly. Everybody should
10 air-seal their basement. It's amazing
11 all of the benefits that you get. It
12 reduces drafts, reduces infiltration,
13 lowers your heating and cooling costs,
14 reduces moisture problems, and it's
15 essential to air-seal before you
16 insulate.

17 Next slide, please.

18 These are just some types of
19 green-collar jobs that are -- these
20 are window installers. We do replace
21 windows when they need to be replaced.

22 Next slide. Heating-system
23 repair and replacement.
24 Philadelphia's full of very old
25 heating equipment. Much of it is

1 5/5/08 - ENVIRONMENT - Res. 080266
2 approaching the end of its useful
3 life. And heating-system upgrades,
4 changing out heating systems can
5 improve efficiency by 30 percent very
6 easily.

7 Next slide, please.

8 Cool roofing. This is a
9 processes that we have been
10 implementing about the last five
11 years. Philadelphia, as you know, is
12 a city of black-tar roofs; it's the
13 cheapest roof money can buy. It is
14 not a good roofing system.

15 And white-roof coatings and
16 white roofs are a much better
17 technology. We will cool the
18 occupants, preserve the roofs, and
19 lower urban heat island impact. And
20 now there is evidence that cool roofs
21 actually reduce and slow climate
22 change.

23 Next slide, please.

24 This is more cool roofing. We
25 have a number -- these guys are also

1 5/5/08 - ENVIRONMENT - Res. 080266
2 insulators. During the winter, we
3 can't really use -- these are white
4 elastomeric roof coatings. They're
5 water-soluble, and they have to go on
6 in temperate temperatures. So in the
7 wintertime, these folks are actually
8 doing insulation work, but in the
9 summer, they do both white-roof
10 coating and insulation.

11 Next slide. This is one of
12 the cool blocks that we've done in the
13 City. We've been trying to work on a
14 larger scale, working in whole blocks
15 rather than just individual homes.

16 Next slide parallels

17 This is different forms of
18 insulation. Upper left-hand corner,
19 Mary Boyle is preparing -- well, she's
20 actually blowing cellulose. The
21 gentleman on the left is blowing
22 fiberglass, and then I think this is
23 Willie Warren again, who is preparing
24 to blow cellulose in a side wall. So
25 this is both attic and wall insulation

1 5/5/08 - ENVIRONMENT - Res. 080266

2 Next slide. These are more
3 insulation slides and also air
4 sealing.

5 Next slide. Carpentry is a
6 very important basic fundamental skill
7 in energy conservation.

8 Next slide. And this is the
9 rating work that's done in new homes.
10 These are public housing, new
11 construction. The one on the left is
12 in North Philly, the one on the right
13 is in West Philadelphia.

14 We have worked very hard with
15 PHFA to require all affordable housing
16 in the State of Pennsylvania to meet
17 the Energy Star Home standard, which
18 now, it does, starting this year, so
19 it's a very, very huge step forward,
20 so that people who live in public
21 housing can maintain affordable energy
22 bills

23 Next slide. This was the
24 first LEED for homes certified in the
25 State of Pennsylvania. This is one of

1 5/5/08 - ENVIRONMENT - Res. 080266

2 our certification jobs in

3 Schwenksville.

4 Next slide. Solar energy.

5 The subsidies have changed for similar

6 energy in the State of Pennsylvania.

7 This is our work when the subsidies

8 started. And now just last week, the

9 Mayor was announcing a much larger

10 project. We will see fewer small

11 projects and more large projects as we

12 go forward.

13 Next slide. This is a

14 training center, we hope. This is

15 actually ECA's warehouse. We own this

16 property in Kensington. This is Front

17 and Allegheny, essentially.

18 And the point of showing you

19 this is that the key to bringing more

20 green jobs into the City, particularly

21 technical jobs, are energy

22 conservation and solar. These

23 industries are rapidly going, rapidly

24 growing. We are rapidly growing.

25 Everyone -- every practitioner in the

1 5/5/08 - ENVIRONMENT - Res. 080266

2 energy-conservation field and the
3 solar field is rapidly growing.

4 We do not have qualified
5 people in Philadelphia. As an
6 employer, we have to do all of our own
7 training. Kids come out of Orleans
8 Technical Institute, they come out of
9 Mercy Vocational School with good
10 basic-trades knowledge, but they don't
11 know anything about energy
12 conservation. It's just not taught.

13 So if we -- if I -- you know,
14 on my wish list for Council to really
15 dig in is to bring Community College
16 to the table to bring the technical
17 training schools to the table and talk
18 to them very seriously and urgently
19 about the importance of bringing
20 energy knowledge into their
21 curriculum. It's not present right
22 now.

23 COUNCILWOMAN BROWN: Mm-hmm.

24 MS. ROBERTSON: So it forces
25 the employer to do all of the training.

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2 We are hoping to renovate this
3 building. We look like the before-
4 slide right now and not the after-
5 slide, but we are hoping to renovate
6 this building to create a state-of-
7 the-art green-collar jobs training
8 center on the second floor. Our plan
9 is to bring this up to LEED Silver
10 Certification.

11 And we have a grant
12 application in front of the State.
13 We're on the State's list of capital
14 improvements, but in order to qualify,
15 we have to raise the balance of the
16 funding. We have to have matching
17 funds, so we'd like very much to talk
18 to the City about the possibility of
19 becoming one of many funders for this
20 project.

21 Pennsylvania does not have
22 adequate training facilities.
23 Philadelphia does not have a single
24 training facility in building science.
25 "Building science" is the terminology

1 5/5/08 - ENVIRONMENT - Res. 080266
2 for energy conservation and efficiency
3 solar in buildings. And there is no
4 such training facility anywhere in the
5 region.

6 And we are hoping that by
7 creating a facility in Philadelphia,
8 we could draw from Delaware, New
9 Jersey, New York, Pennsylvania, and
10 become a training center. There's no
11 reason why we couldn't be. And this
12 facility is a perfect -- it's a great
13 place to do that work.

14 Next slide, please. These are
15 some of the certifications, national
16 certifications, that we are training
17 people. We have a grant now from the
18 Department of Energy to do what's
19 called "market transformation," and we
20 are training a number of people to
21 meet the national certification
22 requirements for both BPI, which is
23 the Building Performance Institute,
24 and RESNET, and these are the two
25 national standards that are essential

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2 in the industry.

3 Next slide, please. This just
4 goes into a little bit of what's part
5 of the DOE grant. We are piloting
6 Energy Star Homes and home performance
7 with Energy Star, using the Energy
8 Star programs as the market
9 transformation platform. They are
10 recognized by a vast majority of
11 American consumers to mean excellence
12 in energy efficiency, and so we're
13 doing -- undertaking a whole range of
14 things.

15 Next slide, please. And I'll
16 just conclude with a reminder that
17 conservation is survival.

18 And I have written testimony
19 here.

20 Thanks so much for the
21 assistance on the PowerPoint.

22 COUNCILWOMAN BROWN: So you do
23 have a copy of PowerPoint?

24 MS. ROBERTSON: Yes, I do.

25 COUNCILWOMAN BROWN: Terrific.

1 5/5/08 - ENVIRONMENT - Res. 080266

2 All of the witnesses have copies of
3 your testimony, please? You do, okay.

4 First question: Are all of
5 you, or any of you, linked into the
6 existing task force you heard about
7 here today, Sustainable Network with
8 Judy or the American Cities
9 foundation?

10 MS. ROBERTSON: Yes, I am.

11 COUNCILWOMAN BROWN: And/or the
12 City of Philadelphia Department of
13 Commerce, which is about to kickstart,
14 so all of you are at the table?

15 (No immediate response.)

16 COUNCILWOMAN BROWN: Hello?

17 MR. NAPLES: Yes.

18 MR. MORSSINK: Yes.

19 COUNCILWOMAN BROWN: Okay. I
20 need you to say yes so we can put it on
21 the record.

22 MS. ROBERTSON: I'm not aware
23 of the Commerce Department's efforts.

24 COUNCILWOMAN BROWN: One of our
25 early testifiers was the City of

1 5/5/08 - ENVIRONMENT - Res. 080266
2 Philadelphia Commerce Department,
3 wherein they indicated that a task
4 force has just started, or is about to
5 be started, where they, the City, can
6 also look carefully at how it proceeds
7 around this new green jobs economy. So
8 I wanted to make sure we covered that
9 base.

10 I'm just curious to know the
11 two -- well, the two green farms that
12 were mentioned, what are your exact
13 locations? Mr. Glenn Bergman, and
14 then we heard from --

15 MR. BERGMAN: The Weavers Way
16 Farm right now is located on the
17 northwest track at Washington Lane and
18 Ardleigh in northwest Philadelphia West
19 Philadelphia on land that's owned by
20 Awbury Arboretum that we rent from them
21 on a yearly basis.

22 And the other farm that we
23 have started is at Martin Luther King
24 High School, in the back right area of
25 it. It's one third of an acre at the

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2 high school.

3 COUNCILWOMAN BROWN: And
4 essentially that meant simply engaging
5 in relationships strictly with the
6 leadership there at Martin Luther King
7 High School?

8 MR. BERGMAN: With Foundations,
9 Inc. --

10 COUNCILWOMAN BROWN: Oh, okay.

11 MR. BERGMAN: -- along with
12 the -- and the school.

13 COUNCILWOMAN BROWN: I see.

14 MR. BERGMAN: The high school
15 students are farming that with our
16 educator, who you saw in the movie, and
17 also with -- we have two interns who
18 work at the farm, and they also spend
19 time there, and we had the City Year
20 kids out there last week also helping.

21 COUNCILWOMAN BROWN: Okay,
22 excellent.

23 And your farm, sir, where is
24 it located?

25 MR. NAPLES: Yeah, the

1 5/5/08 - ENVIRONMENT - Res. 080266
2 Greensgrow Farm is located in New
3 Kensington. It's on land leased from
4 the New Kensington CDC. It was a
5 former Superfund site that New
6 Kensington got from the RDA some time
7 ago.

8 COUNCILWOMAN BROWN: Yes, yes,
9 yes.

10 MR. NAPLES: So it's right at
11 the base of Aramingo, essentially just
12 west. Cumberland, Saul, Firth, and
13 Almond are the four blocks -- the four
14 rows that surround the block that is
15 Greensgrow.

16 COUNCILWOMAN BROWN: And
17 currently, you have 12 employees, if I
18 heard your testimony correctly.

19 MR. NAPLES: No, there are 11,
20 yes. They don't pay me.

21 COUNCILWOMAN BROWN: Okay.
22 Well, this has been extremely
23 enlightening for me and it also signals
24 that still there's a lot of work to do
25 on this side of the table to facilitate

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2 both collaboration and discussions
3 amongst all stakeholders.

4 Someone stated earlier in
5 their testimony that no one sector can
6 do it alone or else we simply get it
7 wrong. So I'm pleased to hear that
8 you're part of the various task forces
9 that each have the benefit of what
10 you're doing.

11 And I'll just close with this
12 quote by Mr. Bergman, wherein you
13 close by saying, "Clearly, the
14 possibility are almost limitless, as
15 are the possibilities to help turn
16 those possibilities into a reality."

17 So thank you for your
18 important testimony. It will be guide
19 us as we continue the discussions and
20 deliberations, to also work with the
21 Administration, and work with the
22 Workforce Development Corporations to
23 come up with a dream -- it would be a
24 dream, but a Green Jobs Corps that
25 meets what we want to do for now and

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2 tomorrow.

3 Thank you all for your time.

4 PANEL MEMBERS: Thank you.

5 (Proceedings end at 1:47 p.m.)

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C E R T I F I C A T E

I HEREBY CERTIFY that the proceedings of the City of Philadelphia Council Committee on the Environment are contained fully and accurately in the stenographic notes taken by me on Monday, May 5, 2008, and that this is a true and correct statement of same.

JOSEPHINE CARDILLO
Registered Professional Reporter

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