

PUBLIC WORKS DEPARTMENT
SOLID WASTE DIVISION



May 6, 2014

Ad-Hoc Committee on Jacksonville's Neighborhood Blight
Attn: Councilwoman Denise Lee
Lynwood Roberts Room
117 West Duval Street
Jacksonville, Florida 32202

**Reference: Update on Public Works Plan for Short Term and Long Term Goals
How to Better Publicize the Household Hazardous Waste Events**

Dear Ms. Lee:

The Solid Waste Division of the Department of Public Works is pleased to submit this report on the update for the short and long term goals for fighting blight in the City of Jacksonville and how to better publicize the household hazardous waste events for your review and consideration in your report to Jacksonville City Council on blight issues facing Jacksonville and it's neighborhoods and communities.

If you have any questions, please contact the undersigned at (904) 255-7512.

Sincerely,

**CITY OF JACKSONVILLE
PUBLIC WORKS DEPARTMENT, SOLID WASTE DIVISION**

A handwritten signature in black ink, appearing to read "Jeffrey S. Foster". The signature is written in a cursive style with a long horizontal line extending from the end.

Jeffrey S. Foster, P.G.
Chief of Solid Waste Division



REPORT ON THE
UPDATE ON PUBLIC WORKS PLAN FOR SHORT TERM
AND LONG TERM GOALS FOR FIGHTING BLIGHT
AND
HOW TO BETTER PUBLICIZE THE HAZARDOUS
WASTE COLLECTION EVENTS

LYNWOOD ROBERTS ROOM
FIRST FLOOR CITY HALL
117 WEST DUVAL STREET
JACKSONVILLE, FLORIDA 32202

May 6, 2014

UPDATE ON THE PUBLIC WORKS DEPARTMENT'S PLAN FOR SHORT TERM AND LONG TERM GOALS FOR FIGHTING BLIGHT AND HOW TO BETTER PUBLICIZE THE HAZARDOUS WASTE COLLECTION EVENTS JACKSONVILLE, DUVAL COUNTY, FLORIDA

UPDATE ON SHORT TERM AND LONG TERM GOALS

Using historical CARE dumping locations for repeat areas and the Jacksonville Sheriff's Office (JSO) field observations, the following areas were identified for the initial implementation of the short term goals:

- **Langley St from Henrietta to Automobile Dr**
- **Spring Grove Ave from 26th W to 33rd W**
- **23rd St W and Almeda St**
- **Dunmire Ave from Moncrief Rd W to Federal St**
- **Old Kings Rd at St Clair St (Grand Crossing).**

A bar graph that shows the overlapping efforts for the long term and short term goals are attached (Attachment 1). The graph assumes that funding approval is in place.

Short Term Solutions

Increased vehicle surveys by the dedicated Franchise Investigator and the JSO Liaison Officer during night and weekend time periods. These have been on-going. Both Franchise Investigator positions have been filled along with all ordinance and contract compliance personnel. The Solid Waste Division (SWD) is fully staffed for concerted enforcement activities in illegal dumping, residential curbside collection oversight and litter. Historically, SWD has budgeted around \$6,000 in overtime for these types of activities.

Regular scheduled pickup routes have been started in known dumping areas by the Blight and Litter crews to show presence. There is little to no budget impact since the crews already go into the field and the effort is simply a scheduling effort. However, due to previous budget cuts, the dedicated crews are less than one-fourth of the original crew strength and any scheduled diversion takes away from all other county-wide CARE issues which are the main work driver for the effort.

SWD created and distributed an informational handout for tire generators and haulers advising them of their responsibilities. This information is handed out to the sites during our visits and may be found on the website: <http://www.coj.net/departments/public-works/solid-waste/waste-tire-program/wtp.aspx>

Webpages were created to assist with providing information and educating our community on proper disposal procedures. <http://www.coj.net/departments/public-works/solid-waste/waste-tire-program.aspx>

Increased law enforcement efforts have been on-going. Several citations have been served to out of compliance tire shops and to enforce the ordinance. Det. Matsick has made several arrests for theft of tires after hours from tire shops. Det. Matsick has also drafted an internal memo for JSO that will educate all patrol officers of the City's Ordinance Section 260. We still do not have a sufficient law enforcement team for waste tire enforcement. As stated previously, any additional effort is not funded. A web based approach for tire reporting is currently being evaluated for costs for budgeting in FY14/15. Several meetings have been conducted with the Office of General Counsel (OGC) to revise other areas in Ordinance 260 that can be improved to help control tire disposal and ultimately reduce the amount tires being dumped.

SWD has placed cameras and coordinated evening deployments (stakeouts) with state and local agencies (FDEP/FWC) in areas with repetitive dumping history. Preliminary results indicate the need for better quality cameras for effective identification and prosecution for remote stations. Currently evaluating known dumping areas to determine the most likely spots that could be fitted with pole mounted, solar powered, high-resolution cameras. Areas need to be evaluated for sight distance, tree canopy, sight interference and sub-surface utilities. Initial camera locations are shown below. The quality of these photos tends to be poor and we recommend obtaining better quality cameras.

Placement of Camera:

20th and St Clair; JEA pole facing East

Time Frame:

2 weeks

Investigative Notes:

picked up vehicular and pedestrian traffic during this period there was no dumping

Placement of Camera:

Sewell Rd south of Pecan Park Rd; in woods facing south down roadway

Time Frame:

3 weeks

Investigative Notes:

picked up vehicular and pedestrian traffic during this period there was no dumping
Camera was stolen

Placement of Camera:

3600 blk of Springrove St.

Time Frame:

2 weeks

Investigative Notes:

Picked up vehicular and pedestrian traffic, due to camera quality we were unable to determine vehicle color or tag number.

Mid Term Solutions

Placement of Video Surveillance Warning Signs coupled with manual stakeouts for enforcement and prosecution. Currently SWD is determining the placement and number of signs.

Hold dedicated house hazardous waste remote events in the Zip Code Areas with historical high number of blight issues and include bulk items, yard waste, waste tires, C&D materials that typically make up the majority of the materials collected from illegal dumping. The cost of these smaller types of events are approximately \$5,000 each and approach \$10,000 each for the larger events.

Implement a reward program for the successful prosecution of illegal dumping events and activities. The reward program could be implemented similar to the reward money for the tire buyback event and would take council action to use the contamination assessment funding. The reward program could be modeled after other similar programs but a \$100, \$150 and \$500 reward program based on severity should be sufficient.

Long Term Solutions

Develop and implement a pride of community effort through community groups, faith-based groups and the Duval County Schools using education programs, PSAs and radio station market driven advertisements and announcements. Cost would be dependent on the number of advertisements and frequency and time of day of the radio or TV spots.

Placement of solar powered high resolutions cameras and motion activated lighting in repeat dumping locations or roadway corridors. Camera costs range from \$3,500 to \$6,000 each, installed.

Disbursement of information to high blight affected areas on the services the Solid Waste Division offers to provide another avenue for disposal. Mail out to residents typically average \$30,000 for the SWD service area and are covered under the contract provisions for the three residential haulers.

Revisions to the ordinance codes 260, 380, 382, and 386 to provide more "teeth" for better enforcement including the requirements for vehicle stickers for tire transporters so after hour transporters are more readily spotted by law enforcement. Currently OGC and SWD are reviewing specific text passages for potential revisions.

Additional JSO and illegal dumping personnel support for enforcement including the consideration of increasing permanent personnel or forming a task force dedicated to waste tires and illegal dumping. Currently the legal enforcement of the waste tire ordinance and illegal dumping activities is limited to one JSO officer. JSO HR supplied cost information in the range of \$496,000 average for salary and benefits for a dedicated task force of one supervisor and two officers.

HOW TO BETTER PUBLICIZE THE HOUSHOLD HAZARDOUS WASTE REMOTES

Currently the Solid Waste Division (SWD) develops the dates for the household hazardous waste remote events in September and October of each year. The preliminary dates are then submitted to the Parks and Recreation Department and/or any other department, agencies or cities that SWD uses their venue or facility for holding the event. Once the dates are approved, the dates are published on the City's Solid Waste Division website. The approved dates are also sent to the Public Affairs Office for publication approximately 3 days before the event and distributed to our COJ media update list. This list contains approximately 800 recipients.

Historically, SWD has held six (6) events per year starting in January and ending in June or July. The half year time frame was selected to coincide with the historical upswing of tonnage that is typically observed at the landfill during this time period and generally reflects the increased building, remodeling, "spring cleaning" and other maintenance activities that occur at this time. It is generally advisable to remove household hazardous waste materials as much as possible from the waste stream that goes to the landfill. The more of these types of materials that are diverted from the waste stream helps the environment by significantly reducing the landfill tonnage of toxic and hazardous chemicals that could be released into the environment and reduces long term operational and closure costs of the landfill. A list of typical household hazardous waste material that can be collected at these remotes or at the SWD facility at 2675 Commonwealth Avenue, Jacksonville, Florida 32254 is contained in Attachment 2.

During the Ad Hoc Committee for Solid Waste in 2013, the Committee recommended that SWD evaluate adding additional events since the events had proven so popular with the citizens of Duval County. SWD evaluated the number of vehicles and material amounts from all of the remote events for the previous two years and determine there were three events that would be cost effective to add additional remotes. For FY13-14, SWD added three additional remotes to the traditional six (Beaches, Mandarin, Ed Austin Regional Park). For FY13-14 the events were held at the following dates and facilities:

- November 9, 2013 Normandy Boulevard
- December 7, 2013 Mandarin Park
- January 11, 2014 Oceanway Park
- February 8, 2014 Ed Austin Regional Park
- February 22, 2014 Jacksonville Beach Public works Department
- March 15, 2014 Blue Cypress Park
- April 12, 2014 Mandarin Park
- May 17, 2014 Jacksonville Beach Public Works Department
- June 7, 2014 Ed Austin Regional Park

The remote events are staffed by COJ SWD personnel and operate from 9:00 AM to 3:00 PM and range in cost from \$5,000 -10,000 depending on the amount of material that is collected. The remote events and the facility at Commonwealth Avenue are free for the residents of Duval County. In addition, the Commonwealth facility is a register small quantity generator and can accept materials from small commercial businesses for a fee. The materials collected at the event are containerized at the remote and transported back to the Commonwealth facility for storage. When a sufficient amount of materials have accumulated at the Commonwealth facility, SWD

arranges for the pickup by an outside contractor, Tradebe or e-waste by Creative Recycling. All materials are recycled to the greatest extent possible by the contractor and range from fuel blending for aerosols, oil based paints and flammable liquids to processing for raw bulk materials in paper, plastics and metals. Pool materials, fertilizers, herbicides and pesticides, and latex paints are given to Parks, other departments of divisions or other non-profits or government institutions such as correctional facilities, churches and schools. Ammunition and gun powder is given to local law enforcement for their use.

The following are some suggestions for improvements for publicizing the household hazardous waste events and/or use of the Commonwealth Avenue facility:

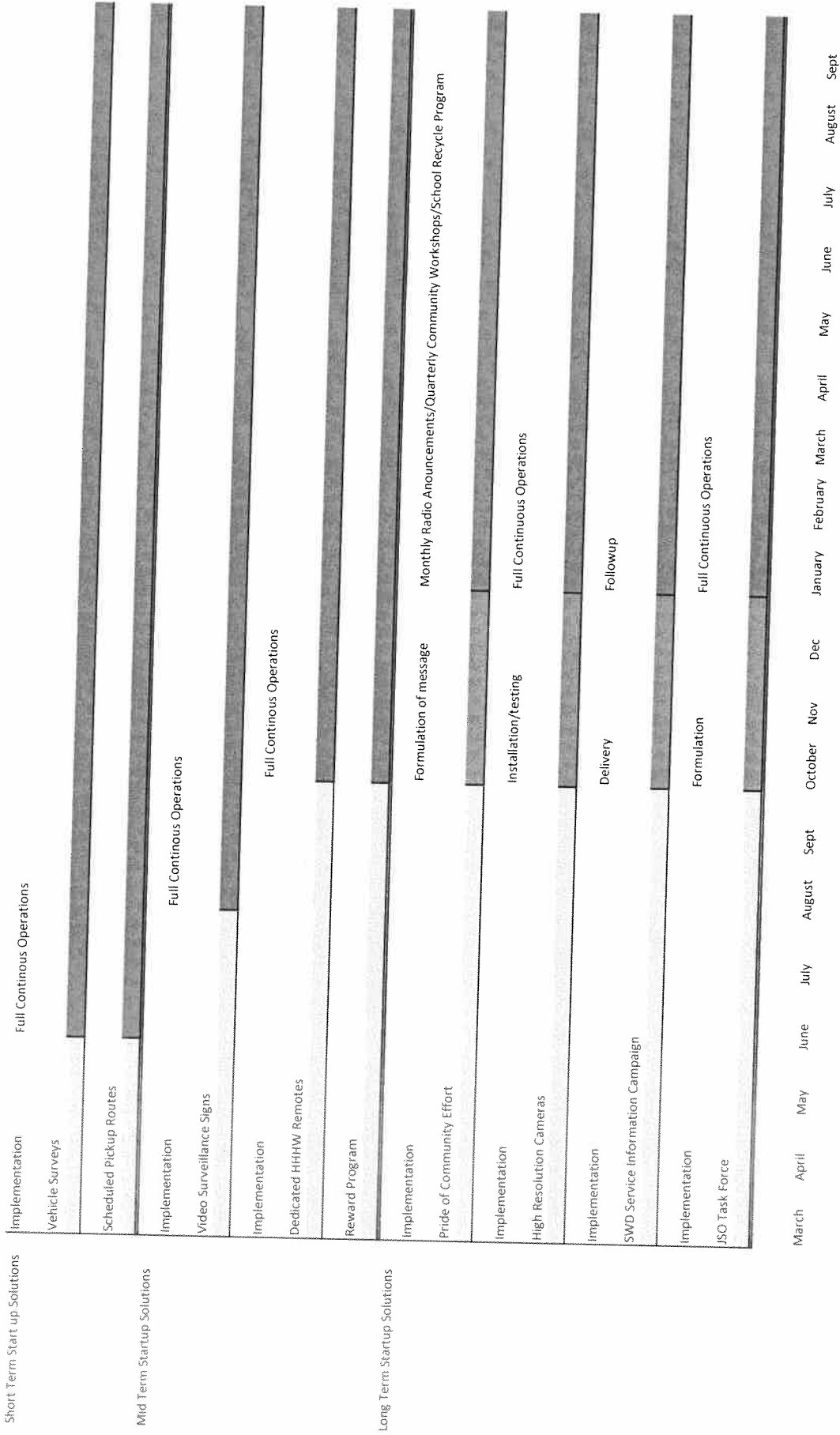
- Requests to local TV Stations for promotional events held at the remotes
- Distribution of information to CPACS and neighborhood database e-mail blasts
- Informational handouts at the remotes
- In-house PSAs (Parks/Pam Roman) for running on Access 99 TV channel
- Social media posts to COJ Facebook, Twitter and Instagram accounts
- Yearly mailers by residential haulers and COJ residential
- Dedicated TV or radio advertisements

CONCLUSIONS

To achieve several of the short terms and long term goals such as remote cameras, JSO task force, etc. dedicated funding would need to be secured through the budget process. Additionally, most of the communication efforts for increasing the public awareness of the remotes does not require dedicated funding to achieve and can be done in-house for very little or modest costs. However funding would be required for printing, paper, etc. for the handouts and for the distribution by mailing or door to door delivery. Funding will also be needed for after-hours deployments, computers and software, unmarked vehicles, ladders, cameras, batteries. Dedicated TV or radio advertisements would also require funding as well as for the increased tonnage that would be generated from the increased publicity campaign and increased tonnage amounts that require final processing and disposal.

ATTACHMENT 1

Illegal Dumping Plan
Ad-Hoc Committee on Jacksonville's Neighborhood Blight



ATTACHMENT 2

CITY OF JACKSONVILLE
SOLID WASTE DIVISION FACILITIES
REVISED 11/5/13
<http://www.coj.net/solid-waste>

TRAIL RIDGE LANDFILL (5110 US HWY 301, BALDWIN, FL 32334)

MONDAY – FRIDAY 6:00 AM – 7:00 PM
SATURDAY 6:00 AM – 1:00 PM
SUNDAY CLOSED

PHONE: 255-7355 (Scale Bldg)
255-7316 - Reggie Burney
255-7314 – Sharon Fisher

PHONE: 289-9100 (Admin Bldg – TRLF)
FAX: 289-9013 (Admin Bldg)
EMAIL: Sfisher@coj.net
RBurney@coj.net

FEE: \$29.87 PER TON REGULAR WASTE – (REFER TO RATE SHEET FOR OTHER TYPES OF WASTE)

SATURDAY ONLY: DUVAL RESIDENTS - \$1.00 FOR FIRST 500 POUNDS -
POUNDS IN EXCESS OF 500 PRORATED AT \$29.87 PER TON

DIRECTIONS: I-10 WEST TO BALDWIN / 301 EXIT GO SOUTH 4 ½ MILES
LANDFILL IS ON RIGHT

HOUSEHOLD HAZARDOUS WASTE FACILITY (2675 COMMONWEALTH AVE 32254)

TUESDAY – SATURDAY: 8:00 AM – 5:00 PM

PHONE: 387-8847 FAX: 381-8454

EMAIL: Hazwaste@coj.net

FEE: FREE TO DUVAL COUNTY RESIDENTS
BUSINESS: CONTACT DALE HOTALING AT 387-8847

DIRECTIONS: I-10 WEST TO MCDUFF AVENUE, TURN RIGHT ON MCDUFF TO COMMONWEALTH. LEFT
ON COMMONWEALTH – 1 1/2 BLOCKS ON RIGHT

APPLIANCE PROCESSING FACILITY (2675 COMMONWEALTH AVE 32254)

TUESDAY – FRIDAY 8:00 AM – 5:00 PM

PHONE: 387-8847 FAX: 381-8454

NORTH LANDFILL (11405 ISLAND DRIVE 32226)

CLOSED

PHONE: 751-3100

FAX: 696-2011

EMAIL: LeroyS@coj.net
Rharvey@coj.net

EAST LANDFILL (515 GIRVIN ROAD 32225)

CLOSED

PHONE: 221-5344

FAX: 221-4039

HOUSEHOLD HAZARDOUS WASTE

Household hazardous waste cannot be collected curbside.

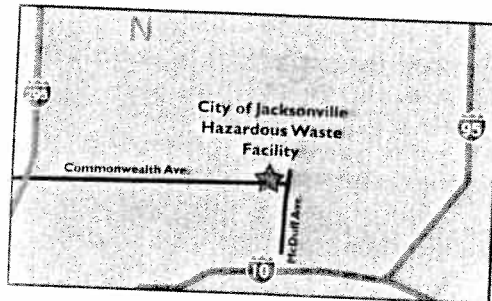
What

- Acids
- Aerosol Cans
- Ammunition
- Antifreeze
- Diesel Fuel
- Drain Cleaners
- Fertilizer
- Fire Extinguishers
- Fireworks & Flares
- Fluorescent Bulbs
- Gasoline
- Gun Powder
- Kerosene
- Oil & Oil Filters
- Paints, Varnish and Shellac
- Paint Thinner & Stripper
- Pesticides
- Propane Tanks
- Thermometers
- Thermostats
- Batteries (auto & rechargeable; put alkaline batteries in the garbage)
- Chemicals (pool, auto, cleaning, lawn, garden, photographic)



Where

Take items to the City's Household Hazardous Waste Facility, 2675 Commonwealth Ave. for safe, free disposal. (See Map) For handling of unusual items (explosives, pesticide gas cylinders, etc.) and for additional information, call 387-8847 or 630-4185, extension 238.



When

Monday-Saturday 8:30 a.m. to 4 p.m.

Mobile Household Hazardous Waste Collections

Log on to www.coj.net or call 630-CITY (630-2489) for dates and neighborhood locations for mobile collection events.

WARNING

Motor oil is prohibited by law in landfills. Bring used motor oil to the Household Hazardous Waste Facility or check the Yellow Pages for retailers that accept motor oil for recycling.