

RESOLUTION NO. 2023- 218

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AUTHORIZING THE COUNTY ADMINISTRATOR, OR HIS DESIGNEE, TO EXECUTE AND SUBMIT AN APPLICATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION SEEKING GRANT FUNDING THROUGH THE HAZARDOUS WASTE COLLECTION CENTER GRANT PROGRAM.

RECITALS

WHEREAS, the Florida Department of Environmental Protection (“DEP”) has established the Hazardous Waste Collection Center Grant Program (“Program”) to encourage the establishment and operation of a statewide network of local hazardous waste collection centers, made available to local governments and distributed on an eligibility and work plan review and first-come, first-serve basis; and

WHEREAS, currently, household hazardous waste (“HHW”) collected at the County’s Stratton Road Transfer Station is transported to the Tillman Ridge Transfer Station for processing, requiring staff to make two trips daily between the stations to load and unload HHW; and

WHEREAS, the Solid Waste Department is in the process of improving and expanding HHW collection services at Stratton Road including the addition of certified chemical storage containers and a permanent hazardous waste technician stationed on site which meets the requirements of the Program; and

WHEREAS, County funds are available to construct the necessary structure to house the certified chemical storage containers and processing activities at Stratton Road; and

WHEREAS, none of the requirements, restrictions, and/or obligations associated with the award of a grant under the Program, or the grant itself, would negatively impact the interests of the County; and

WHEREAS, applying for a grant under the Program, and the potential \$100,000 investment from the State of Florida, serves the overall interest of the County for constructing and/or expanding one or more safe, secure, operational hazardous waste collection facilities.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of St. Johns County, Florida that:

Section 1. The above Recitals are adopted as findings of fact and incorporated herein.

Section 2. The Board of County Commissioners hereby authorizes the County

Administrator, or designee, to execute and submit a grant application to the Florida Department of Environmental Protection for grant funding under the Hazardous Waste Collection Center Grant Program to purchase certified chemical storage containers.

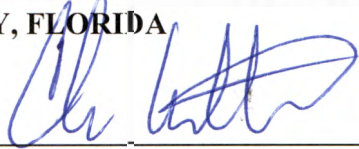
Section 3. To the extent that there are typographical or administrative errors that do not change the tone, tenor, or concept of this resolution, this resolution may be revised without subsequent approval by the Board of County Commissioners.

Section 4. This resolution shall be effective upon adoption by the Board of County Commissioners.

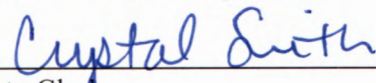
PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, this 20th day of June, 2023.

**BOARD OF COUNTY
COMMISSIONERS OF ST. JOHNS
COUNTY, FLORIDA**

Rendition Date JUN 20 2023

By: 
Christian Whitehurst, Chair

ATTEST: Brandon J. Patty, Clerk of the
Circuit Court and Comptroller

By: 
Deputy Clerk





St. Johns County Household Hazardous Waste Grant Proposal

Purpose: To expand a stand-alone household hazardous waste collection facility at the Stratton Road Transfer Station in northern St. Johns County.

Background: For more than three decades, St. Johns County has provided a HHW drop-off and processing service center at the Tillman Ridge Landfill. This county-owned facility is located seven miles west of the City of St. Augustine. It was established as a center to replace several smaller landfill sites located throughout incorporated St. Augustine and the unincorporated County. When Tillman Ridge opened, the City of St. Augustine was the principal population center and the most of the County was rural and decentralized. The overall population at that time was less than 50,000.

St. Johns County now has a population of 275,000 with over 100,000 homes. Intense development began in the northwest quadrant with Julington Creek Plantation and has now spread south to cross SR16 and east across U.S. Route 1 to the Intra-coastal waterway and to Ponte Vedra/Palm Valley.

To meet the challenges of this growth and the mandatory residential MSW collection which serves it, the County established a transfer station at Stratton Road and U.S. Highway 1 North. A small three-sided enclosure with shelves and a roof was built on site to accept HHW from residents. To date, all HHW collected at this un-manned site has been transported to Tillman Ridge for processing, requiring staff to drive to Stratton Road to load and unload two trips daily.

Approximately 80% of the HHW now being managed at Tillman Ridge comes from the Stratton Road facility. A larger stand-alone collection facility at Stratton Road would immediately provide the following benefits:

1. A permanent hazardous waste technician stationed on site. Provides security, safe collection, and opportunity to educate the public.
2. Eliminates labor cost and a hazardous waste technician driving the collection truck back and forth from Tillman Ridge.

3. Eliminates manual hand loading and unloading trucks entirely.
4. Creates immediate handling of materials from drop offs.
5. Allows contracted Haz waste transporter to pick up loads directly from Stratton Road.
6. Saves fuel and eliminates emissions by reducing use of County hazmat trucks.
7. Returns non-tech truck driver to regular duties.

Proposed plan: [Updated 01-30-2023] Our original proposal has been modified as follows. Obtaining certified chemical storage containers is the first priority for processing HHW on the Stratton Road site. Current quotes on these containers amount to \$70,000 for a double non-corrosive unit and \$50,000 for a single corrosive storage unit. St. Johns County would spend the proposed grant money exclusively for acquiring these containers.

The County has set aside funds to complete the purchase of these containers and to provide a structure to house the processing activities. Other equipment needed in the processing operation will be purchased with County funds and additional personnel will be contracted to work on the site.

The County has identified the physical space on site at the Stratton Road facility to begin processing HHW. County funds are available immediately to contract with a civil engineering firm to integrate the HHW facility into the Stratton Road master plan.

A grant award of \$100,000 would allow St. Johns County to jumpstart the initiation of HHW processing at the Stratton Road facility. This would dramatically improve the entire HHW collection and processing operation in the County by expanding opportunities for the public, by removing current redundancies, and by reducing the carbon footprint of the program.

As for the project timetable, on site processing of HHW could begin immediately at Stratton Road as soon as the chemical storage units are delivered.