Interim Report on Findings at the Stock Island Landfill

City Commission Review Request:

- 1. If the landfill is currently a danger to the local community or environment.
- 2. What is the "Highest and Best Use" for the landfill?
 - If "landfill reclamation" is a viable option.
 - If landfill could be used as a city park or another option like a solar park.
 - If we should leave as is.

Monica Haskell, Chair Sustainability Advisory Board

Background



1920's: Informal dumping

1950's Formal Dump

1960's: Landfill (no sorting)

1985: FDEP Landfill Permit

1987: Waste To Energy (ash and construction)

1989: Monitoring Starts

1990: Phase I Closure (gas vents installed)

1992: Phase II Closure (>99% of leachate eliminated)

1993: Closure Plan Approved (22 monitoring items)

2011: Monitoring Changes (45 more items, less often)

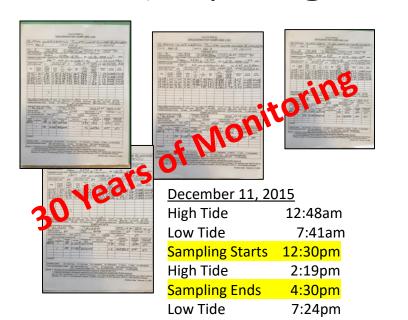
2014: Monitoring Change (back to 6 items)

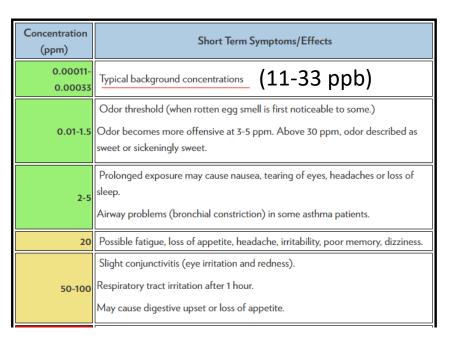
2016: FDEP Certification of Completion (still voluntarily monitor)

Current Conditions



- 1) Is the landfill a danger?
 - A) No evidence of leaching toxins
 - B) Sampling data is not skewed
 - C) No Health Complaints
 - D) Gerald Adams School is Safe
 - D) Hydrogen Sulfide is NOT at Dangerous Levels





FDEP/FFWCC/FDOH Records:

Health Complaints: 0

Fishkills: 0

Distressed Vegetation: 0

Smell Complaints: 0



2) Is landfill reclamation a viable option?

Pro's: High redevelopment land value
Available for other community needs
No more landfill maintenance

Con's: Would re-open liner, creating leachate. 80-100 trucks per day, for 3-4 years.

Total Cost: \$69M-189M



Next Report:

- 3) Can the Landfill be a Park?
- 4) Should we leave it as is?





Questions?

Monica Haskell, Chair Sustainability Advisory Board



