



WORKING FACE OPERATIONS

BOB JOZWIAK, OPERATIONS MANAGER

MANISTEE COUNTY LANDFILL

SEPTEMBER 2014

OVERVIEW

- Benefits of a Small Working Face
- Waste Stream Assessment
- Fill Plan
- Operational Procedures

BENEFITS

- Storm Water Infiltration
- Reduction in Odors
- Aesthetics
- Less Blown Litter
- Less Soil Usage
- Increased Density



WASTE STREAM ASSESSMENT

Gather the data you need, don't guess

- Understand the Traffic Peaks:
 - What, when and how are they
- Understand the Type of Delivery
 - i.e.: Transfer Trailers or Route Trucks



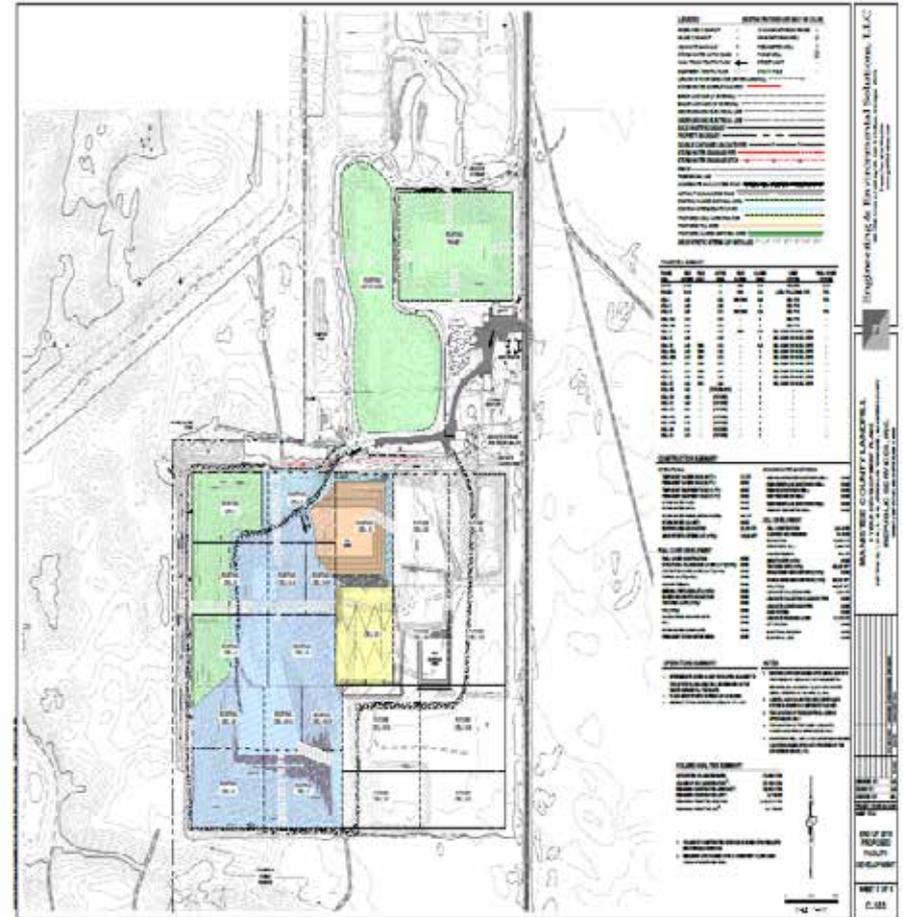
WASTE STREAM ASSESSMENT CONT.

- Walking floors or tippers, general public use of convenience station approach
- Understand Waste Types
 - Sludge & Special Waste Handling
 - Tonnage
- Understand the horsepower at the face
 - Amount & Limitations



FILL PLAN

- Determine how to access the cell
- Placement of roads
- Elevations & Grades
- Volume Changes



OPERATIONAL PROCEDURES

Waste Containment



OPERATIONAL PROCEDURES CONT.

Containment Methods

You can always widen a face, but shrinking can cost daily cover soil and manpower



OPERATIONAL PROCEDURES CONT.

Utilize cover stockpiles and portable panels to contain working face



OPERATIONAL PROCEDURES CONT.

Limit your average push to < 150 Feet



OPERATIONAL PROCEDURES CONT.

Don't be uncontained



OPERATIONAL PROCEDURES CONT.

Routinely survey waste placement



OPERATIONAL PROCEDURES CONT.

Communication with employees and drivers



OPERATIONAL PROCEDURES CONT.

Establish a Clean Out Area



OPERATIONAL PROCEDURES CONT.

Establish ADC Placement



OPERATIONAL PROCEDURES CONT.

Subgrade Waste Preparation



OPERATIONAL PROCEDURES CONT.

Placement of Interim Cover



QUESTIONS?