

# **EASTWICK LOWER DARBY CREEK AREA COMMUNITY ADVISORY GROUP**

## **TECHNICAL WORKING GROUP MEETING MINUTES**

**October 28, 2015**

### **MEETING SUMMARY**

The EPA met with TWG to present the status of the 30% design for the Clearview Landfill:

- Record of Decision (ROD) Dictated Actions include:
  - a. An Evapotranspiration Cover
  - b. Leachate Collection and Treatment
  - c. Fix the Eroding Bank of Darby Creek
  - d. Stormwater Management
  - e. Access Restrictions and Roads
- What to expect when the 30% design is released it will contain about  $\pm 10$  drawings, a table of contents for the construction specifications package, a design report (describes various design decisions that were made during its development, etc.), maybe some calculations for some of the design components, and an engineer's cost estimate for the execution of the design as it is proposed and a construction schedule (amount of time various components will be executed, without any firm dates)
- Pre-Design Work that must be completed to complete the design:
  - a. Soils investigation (depth/thickness of soils on the landfill)
  - b. Land surveying (topography, locate new samples, wetlands, etc.)
- The Key Design Components for the Landfill are:
  - a. Clearing (how much depends on the soils investigation and how the clearing that must be done is phased during construction, so that the whole landfill isn't disturbed all at once)
  - b. Demolition of Existing Buildings (timing will depend on when various businesses are relocated)
  - c. Grading (the landfill and its edges, how it will be blended into the surrounding landscape, and addressing all of the steep slopes)
  - d. Cover and Trees
  - e. Access Roads, signs fencing, etc.
  - f. Leachate Collection and Treatment Systems
  - g. Stormwater Management
  - h. Floodplain Management
  - i. Wetlands (permitting, disturbance, mitigation, compensation, etc.)
  - j. Creek Bank restoration and reinforcement
  - k. Erosion Control, Phasing of Work, Temporary Facilities

- EPA's design strategy is to minimize cutting into the landfill to a maximum of seven feet
- EPA is working on a phasing plan to avoid clear cutting the whole landfill
- EPA presented a drawing with a variety of color shaded areas, including:
  - a. L – Limited Action Areas (limited grading)
  - b. M – Moderate Action Areas (moderate grading)
  - c. I – Steep Slopes
  - d. C – Creek Bank (not under ET Cover)
  - e. W – Stormwater Management & Wetlands (not under ET Cover)
- There are numerous computer models that EPA is using for the design (e.g., SLIDE – for slope stability). The final results of those models will be presented in the design report.
- Leachate collection system is being designed as a series of trenches draining to sumps that will be pumped to the treatment wetlands. The trenches will be along the Darby Creek side of the Landfill, no trenches are proposed around the rest of the landfill.
- Creek Bank is being designed to be vegetatively stabilized. The 3,000 linear feet of bank will be stabilized working in phases, 100 feet at a time. The stabilization includes geo-web to hold the bank while the vegetation grows
- Any grading that is required outside of the footprint of the Landfill will be restored, including any temporary access roads that may be needed
- The digital presentation, with the preliminary (30%) grading plan will be posted to EPA's website.

**ACTION ITEMS FOR NEXT TWG MEETING: (next meeting November 17, 2015 @ Location to be determined)**

1. Updates on progress of 30% Design (Conceptual Design).
2. Updates on progress of PDI work.
3. Discussions regarding EPA's progress with regard to steep slopes and stability on the western side of the Clearview LF.

**Up Coming TWG Meeting Dates at 4:00 PM (locations to be determined):**

December 17, 2015