DOUBLE COMPOSITE LINER SYSTEM DETAIL
DOUBLE COMPOSITE LINER SYSTEM DETAIL

- **Primary Collection layer**
  - Geomembrane
  - Geosynthetic Clay Liner (GCL)
- **Secondary Collection layer**
  - 60 MIL HDPE Geomembrane
- **Cushioning Geotextile**
- **Structural Fill**
- **Composite Geonet (Secondary Collection Layer)**
- **Geotextile**
- **Perm. HDPE Groundwater Collection Pipe**
- **Pipe Bedding**
- **Select Fill**
- **Secondary Soil Liner**
  - (Max. 1 x 10^-7 cm/s)
- **Top of Primary Collection layer**
  - (Top of Liner System)
- **Compressive Geonet (Groundwater Suppression)**

**Legend:**
- PRIMARY: 24" with Perforated HDPE
- SECONDARY: 12" with Perforated HDPE

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**Figure Number:** 3

**Project Number:** 1242.022

**Date:** April, 2015

**Scale:** As Shown

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**Designer:** [Name]
DETAL
Typical Final Cover System
Proposed Landfill Expansion DESs
Mill Seat Landfill

NOTE:
1. AND PROPOSED FOOTPRINTS.
   SHOWN IS FOR PERMITTED
   FINAL COVER SYSTEM
2. BASELINE COVER
3. BARRIER PROTECTION LAYER
4. COMPOSITE CONCRETE
   GEOMEMBRANE (TEXTURED)
5. 40 MIL LLBPE
6. GEOSYNTHETIC CLAY LINER (GCL)
7. FERTILIZE, SEED AND MULCH

Date: April 2015
Scale: Not to Scale

Project Number: 1242.022
Figure Number: 11
Mill Seat Landfill

Sources: Land Use - Field Observations; 2013 Tax Parcels - Monroe County; Aerial Photo - Esri Map Service

Legend

Land Use
- Agricultural
- Residential
- Vacant Land
- Recreation & Entertainment
- Public Services

Proposed Site
Proposed Footprint
Mill Seat Landfill / Permitted Footprint
Limits of Disturbance Associated With Proposed Landfill Expansion
Parcel Boundary
Municipal Boundary

Town of Riga, Monroe County
Town of Leroy, Genesee County

Figure Number 13
Project Number 1242.022