



**Boston Mountain Solid Waste
Management District – Public Hearing
Eco-Vista Landfill – Certificate of Need Petitions
Wednesday, April 18, 2018**

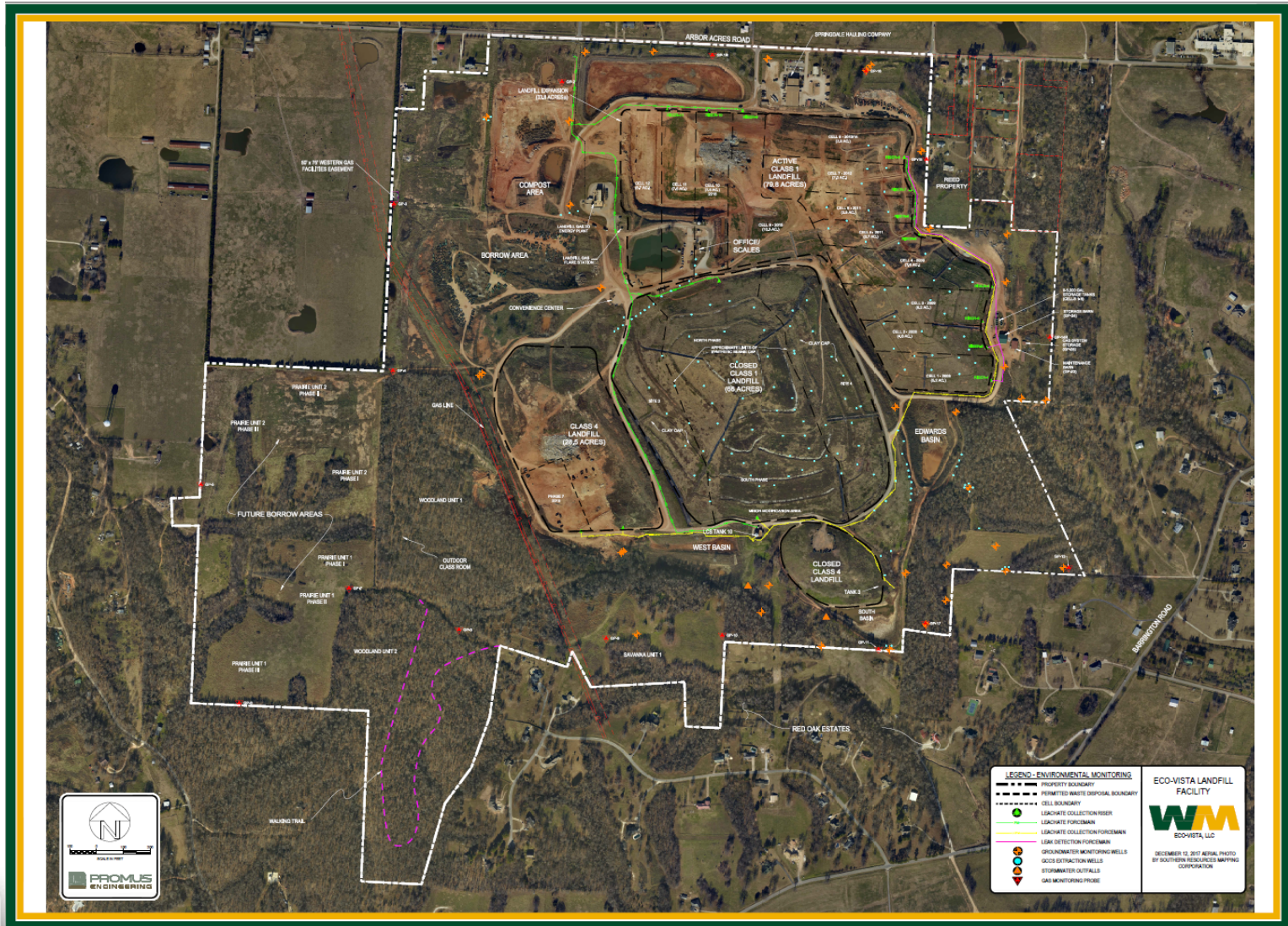


Eco-Vista Landfills

609 Acre Property:

- MSW Landfill - 66 acre closed landfill; 79.8 acre active landfill
 - 3,645,000 CY airspace remaining
 - 1,700 Tons Per Day – Remaining life = 5.5 years
 - Construction & Demolition Waste Landfill – 28.5 acres
 - 955,000 CY airspace remaining
 - 200 Tons Per Day – Remaining life = 9.5 years
- These are the only MSW & C&D Landfills in the District and NW Arkansas
- No out-of-state waste comes to the Eco-Vista Landfill

Eco-Vista Landfill

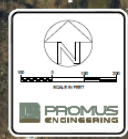


LEGEND - ENVIRONMENTAL MONITORING	
	PROPERTY BOUNDARY
	PERMITTED WASTE DISPOSAL BOUNDARY
	CELL BOUNDARY
	LEACHATE COLLECTION POINT
	LEACHATE COLLECTION FORCE MAIN
	LEACHATE FORCE MAIN
	LEACHATE COLLECTION FORCE MAIN
	LEAK DETECTION FORCE MAIN
	GROUNDWATER MONITORING WELLS
	SOILS EXTRACTION WELLS
	STORMWATER OUTFALLS
	SOIL MONITORING POINTS

ECO-VISTA LANDFILL FACILITY

ECO-VISTA, LLC

DECEMBER 13, 2017 AERIAL PHOTO BY SOUTHERN RESOURCES MAPPING CORPORATION

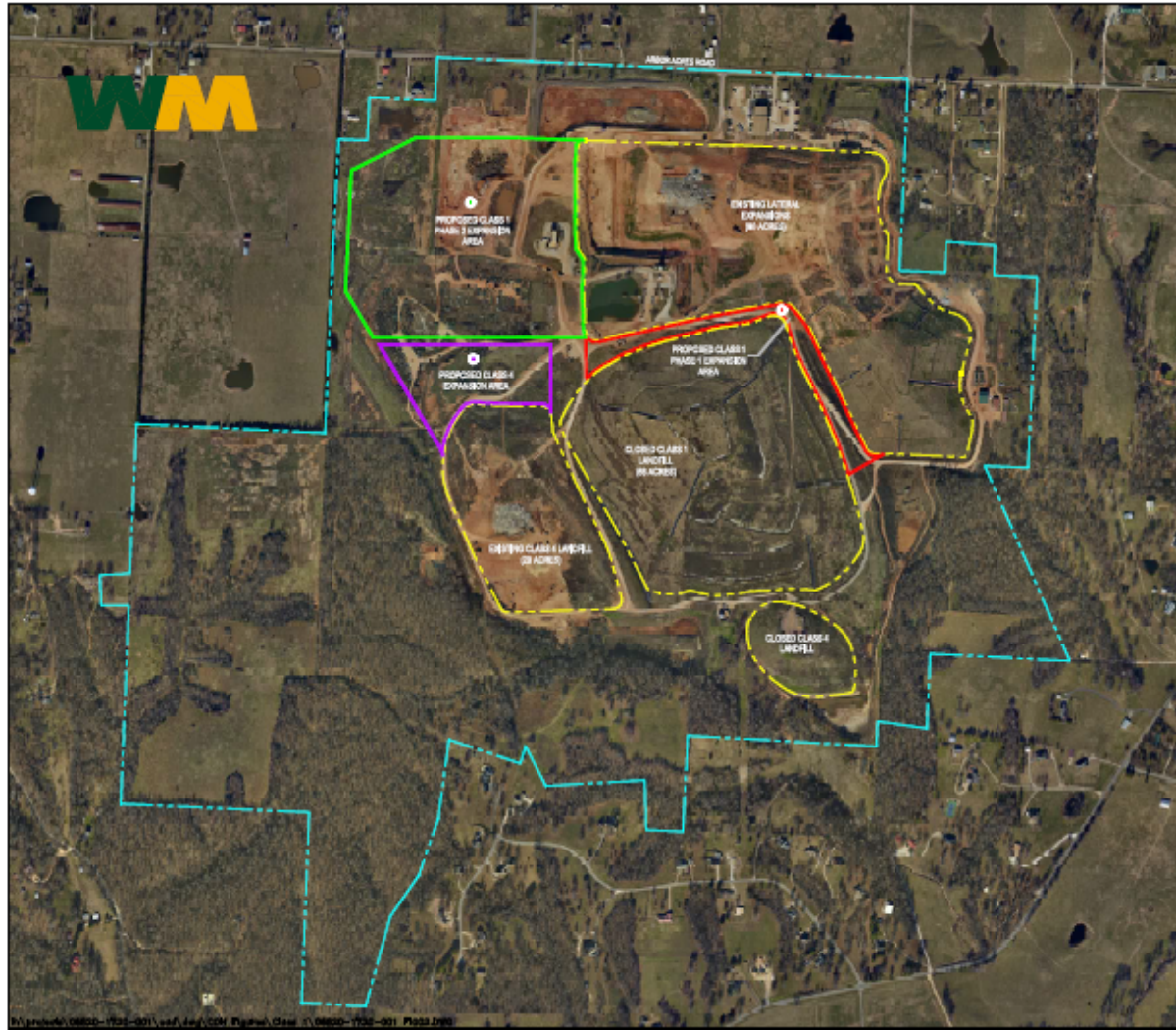


Eco-Vista Landfill

Eco-Vista Landfill – Proposed 3-Phase Expansion:

- Class 1/MSW Landfill – Phase 1 – 10 Acre Footprint
- Class 1/MSW Landfill – Phase 2 – 50 Acre Footprint
- Class 4/Construction & Demolition Waste Landfill – 12 Acre Footprint

Eco-Vista Landfill



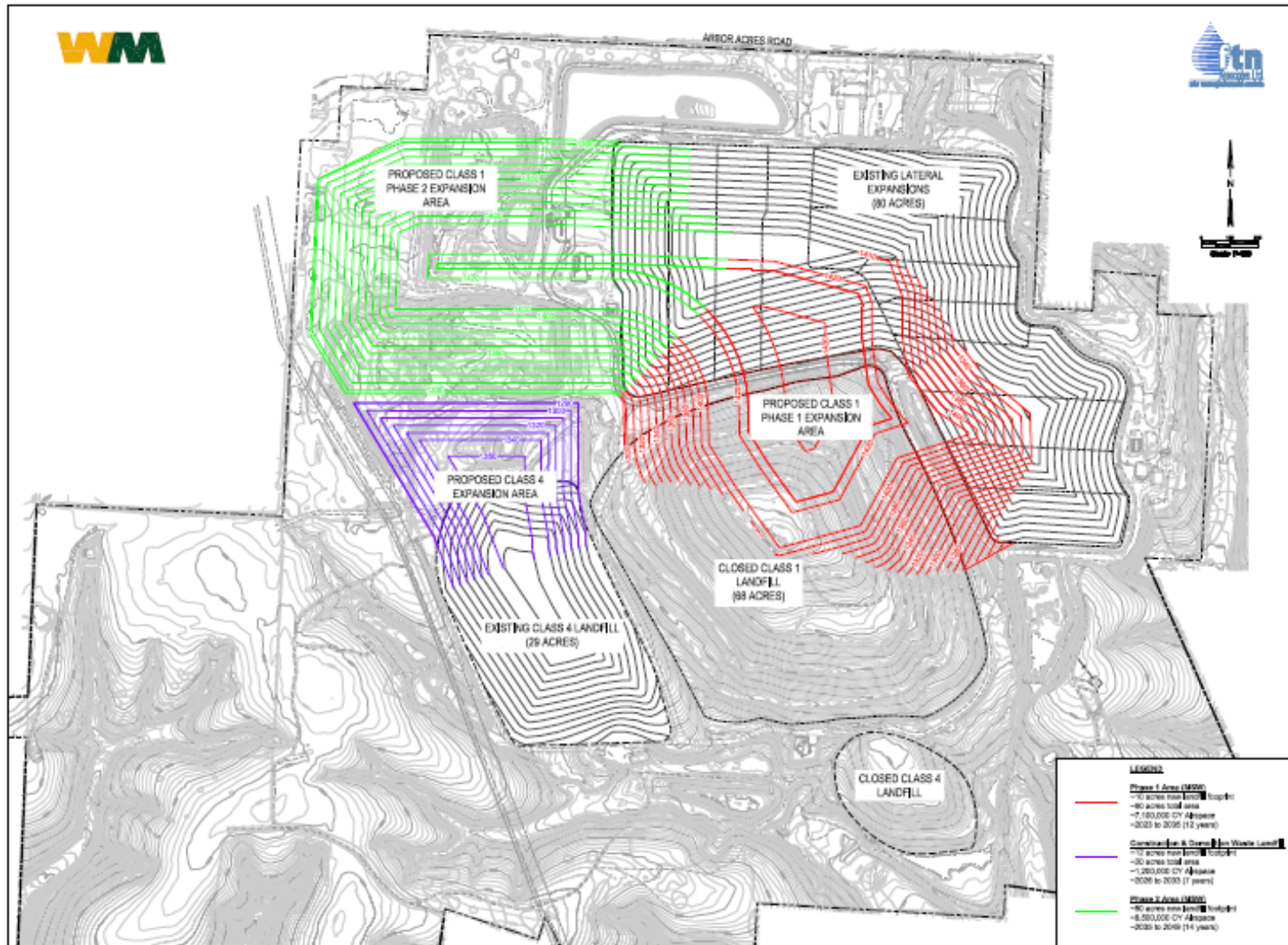
- LEGEND**
- **Proposed Class 1 Phase 1 Expansion Area**
~10 acres new landfill footprint
Lat 36.139504° Long -94.254312°
 - **Proposed Class 1 Phase 2 Expansion Area**
~50 acres new landfill footprint
Lat 36.142192° Long -94.261305°
 - **Proposed Class 4 Expansion Area**
~12 acres new landfill footprint
Lat 36.138505° Long -94.261566°
 - - - **Existing & Closed Landfill Units**
 - - - **Eco-Vista Landfill Property Boundary**

**FIGURE 2
PROPOSED LANDFILL
EXPANSION AREAS**

By: **SSB**
Date: 1/23/2018
Re: **R002.DWG**
Project No. 08820-1720-01

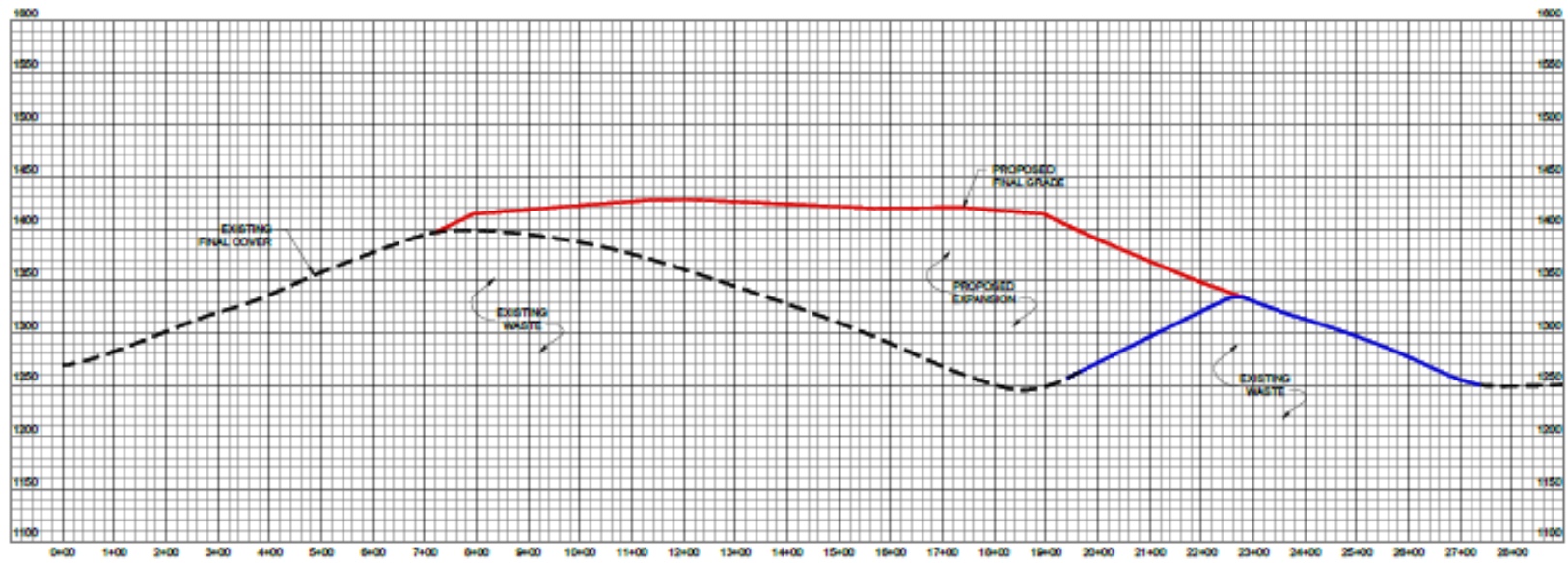


Eco-Vista Landfill



Eco-Vista Landfill

CLASS 1 PHASE 1 EXPANSION AREA WEST - EAST SECTION



- LEGEND:**
- EXISTING SURFACE
 - PROPOSED EXPANSION SURFACE
 - PERMITTED FINAL COVER OF 2008 EXPANSION AREA

NOTE:
EXISTING LOCATIONS AND ELEVATIONS ARE FROM VARIOUS SURVEYS AND HISTORIC PERMIT DOCUMENTS AND ARE APPROXIMATE.



Eco-Vista Landfill

Northwest Arkansas Demographics *Why Eco-Vista's Expansion is Needed*

Eco-Vista Landfill

- Northwest Arkansas Demographics (*from: Northwest Arkansas Council*)
 - 14th in the nation in its Growth Rate
 - Adding 34 people per day
 - 12,287 additional residents between July 2016 and July 2017
 - 2017 Beaver Water District broke an all-time record selling 18.6 billion gallons of water – 6% increase over 2016
- Population Growth – requires growth of the area infrastructure
 - Water & Sewer Systems need to grow or expand
 - Schools need to grow or expand
 - Roads need to grow or expand
 - All infrastructure (include waste management facilities) need to grow or expand

Eco-Vista Landfill

- 2013 Tonnage 428,177 Tons (1,530 TPD)
 - 2014 Tonnage 474,592 Tons (1,695 TPD)
 - 2015 Tonnage 501,342 Tons (1,790 TPD)
 - 2016 Tonnage 516,643 Tons (1,845 TPD)
 - 2017 Tonnage 526,077 Tons (1,880 TPD)
-
- 2013 to 2017 = 22.8% Increase
 - 97,900 ton per year increase

Eco-Vista Landfill

- **Jurisdictions Served:**

<u>Counties</u>	<u>Population</u>
• Washington County	228,049
• Madison County	16,072
• Benton County	258,291
• Carroll County	27,646
• Franklin County	<u>17,626</u>
	547,684

Eco-Vista Landfill

- 500' Voluntary Set-Back from Arbor Acres Road
- ADEQ Permitting Regulations
 - Regulation 22 – Solid Waste Management Rules
 - 4:1 Side Slopes
 - Minimum Setback Requirements for Active Portions of Landfill:
 - 100' Property Boundary
 - 300' Existing Dwellings
 - 500' Drinking Water Wells

Eco-Vista Landfill

- **Proposed Phase 1 – Class 1/MSW Landfill**
 - **10 acre footprint**
 - **Approximately 7,100,000 CY Airspace**
 - **12 years of life**
 - **2023 to 2035**

Eco-Vista Landfill

- **Proposed Phase 2 – Class 1/MSW Landfill**
 - **50 acre footprint**
 - **Approximately 8,500,000 CY Airspace**
 - **14 years of life**
 - **2035 to 2049**

Eco-Vista Landfill

- **Proposed Construction & Demolition Waste Landfill Expansion**
 - 12 acre footprint
 - Approximately 1,200,000 CY Airspace
 - 7 years of life
 - 2026 to 2033

Eco-Vista Landfill

**Questions?
Thank you!**