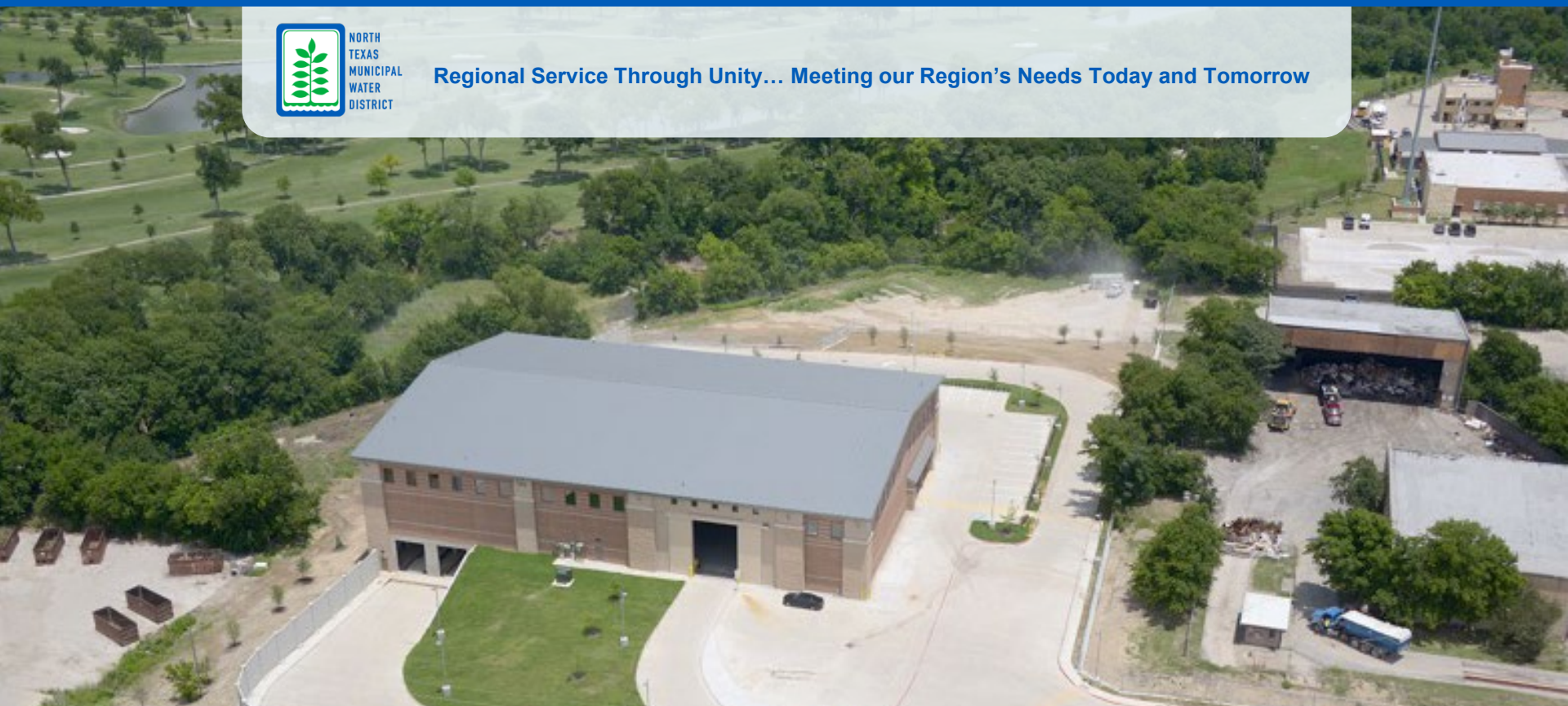




NORTH  
TEXAS  
MUNICIPAL  
WATER  
DISTRICT

Regional Service Through Unity... Meeting our Region's Needs Today and Tomorrow



# SOLID WASTE COMMITTEE MEETING

**DECEMBER 15, 2021**



# AGENDA

## I. CALL TO ORDER

## II. PUBLIC COMMENTS

## III. OPENING REMARKS

- A. Chairman/Executive Director/Committee Champion Status Report concerning legislation and regulatory matters, budgets, current projects and ongoing programs of the District including the Regional Solid Waste System

## IV. ACTION ITEMS

- A. Consider approval of Solid Waste Committee meeting minutes – October 7, 2020
- B. Consider City of Melissa request for utility easement for a gravity sewer interceptor at 121 Regional Disposal Facility

## V. DISCUSSION ITEMS

- A. Review City of Melissa request to use property for recreational trails at 121 RDF
- B. Update on fourth transfer station site
- C. Update on Parkway Transfer Station permit amendment for top load conversion
- D. Review upcoming solid waste projects/potential board agenda items
- E. Opportunity for Committee members to provide feedback on Solid Waste Committee meeting
- F. Opportunity for Committee members to request potential future agenda items

## VI. ADJOURNMENT



# AGENDA

## III. Opening Remarks

- A. Chairman/Executive Director/Committee Champion Status Report concerning legislation and regulatory matters, budgets, current projects and ongoing programs of the District including the Regional Solid Waste System



# AGENDA

## **IV. Action Items**

**A. Consider approval of Solid Waste Committee meeting minutes – October 7, 2020**

**Recommend approval of Solid Waste Committee meeting minutes – October 7, 2020**



# AGENDA

Jeff Mayfield  
NTMWD Deputy Director

## IV. Action Items

- B. Consider City of Melissa request for utility easement for a gravity sewer interceptor at 121 Regional Disposal Facility (RDF)

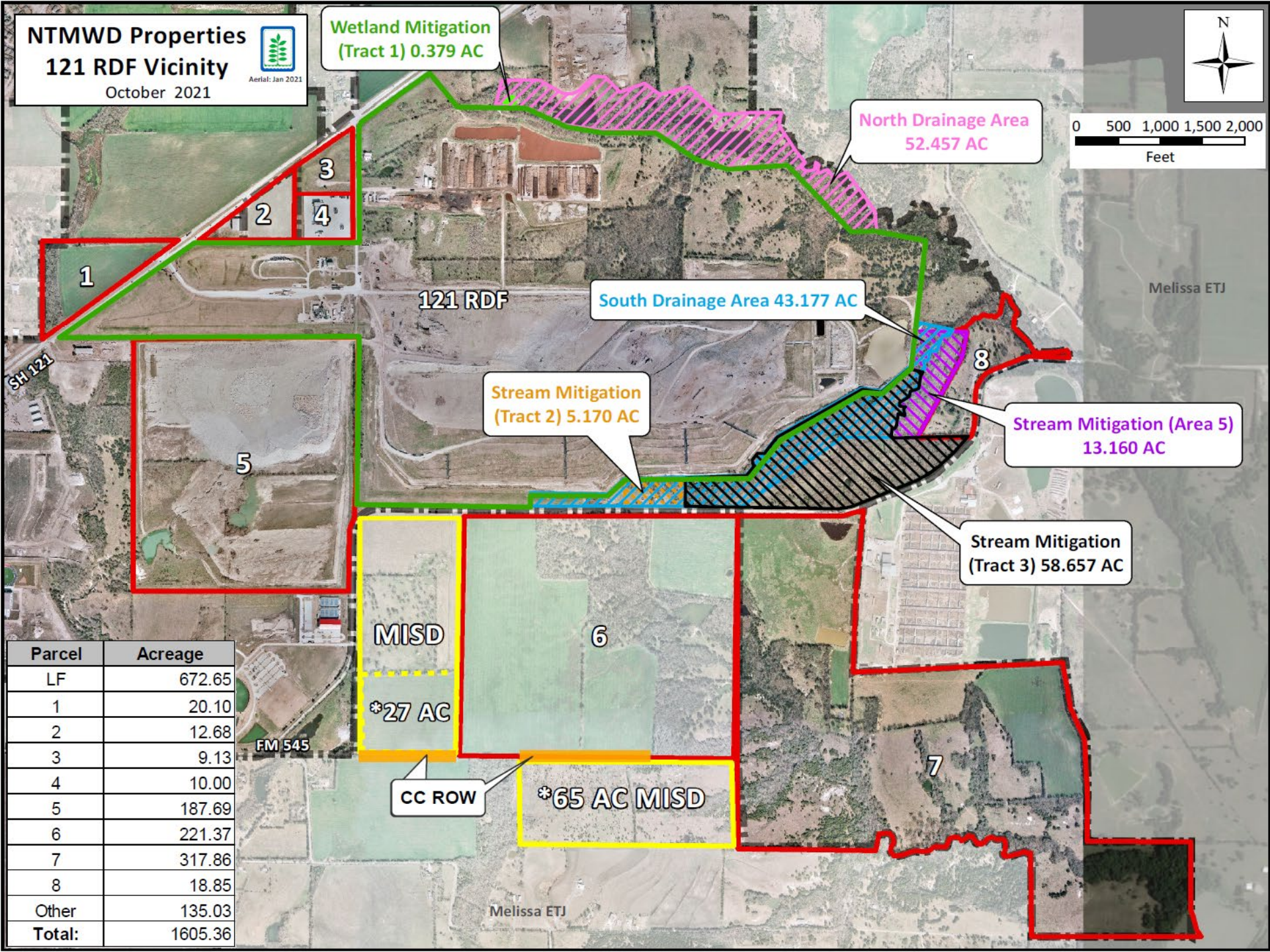
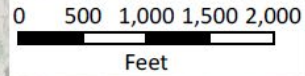
**NTMWD Properties**  
**121 RDF Vicinity**



Aerial: Jan 2021

October 2021

**Wetland Mitigation**  
**(Tract 1) 0.379 AC**



121 RDF

South Drainage Area 43.177 AC

Stream Mitigation  
 (Tract 2) 5.170 AC

Stream Mitigation (Area 5)  
 13.160 AC

Stream Mitigation  
 (Tract 3) 58.657 AC

MISD

6

\*27 AC

CC ROW

\*65 AC MISD

7

Melissa ETJ

Melissa ETJ

Parcel	Acreage
LF	672.65
1	20.10
2	12.68
3	9.13
4	10.00
5	187.69
6	221.37
7	317.86
8	18.85
Other	135.03
<b>Total:</b>	<b>1605.36</b>

FM 545

SH 121



- Legend**
- NTMWD Property
  - Temporary Easement
  - Permanent Easement

121 Regional Disposal Facility  
Permanent Utility Easement to City of Melissa  
Consent Agenda Item No. 21-12-10





## SOLID WASTE COMMITTEE

### HISTORY

- Presented at November 17, 2021 Real Estate Committee meeting.
- This item is on the December Consent Agenda, Item 2021-12-10.
- City of Melissa requests easements for the extension of its Stiff Creek Gravity Sewer Line to the north of State Hwy 121 to allow for additional residential development in the area.
- One Permanent Easement and two Temporary Construction Easements encumbers a parcel of land north of State Hwy 121.
- One Permanent Easement and one Temporary Construction Easement encumbers the 121 RDF permit boundary, parallel to State Hwy 121.
- A section of permanent fencing along the 121 RDF permit boundary will be removed and temporary fencing erected through construction. The section of permanent fencing will be reinstalled or replaced after construction.
- There is negligible cost associated with granting this easement.
- There is no anticipated impact to the operations of 121 RDF.





# AGENDA

## IV. Action Items

**B. Consider City of Melissa request for utility easement for a gravity sewer interceptor at 121 Regional Disposal Facility**

**Recommend approval of City of Melissa request for utility easement for a gravity sewer interceptor at 121 Regional Disposal Facility**



# AGENDA

Jeff Mayfield  
NTMWD Deputy Director

## V. Discussion Items

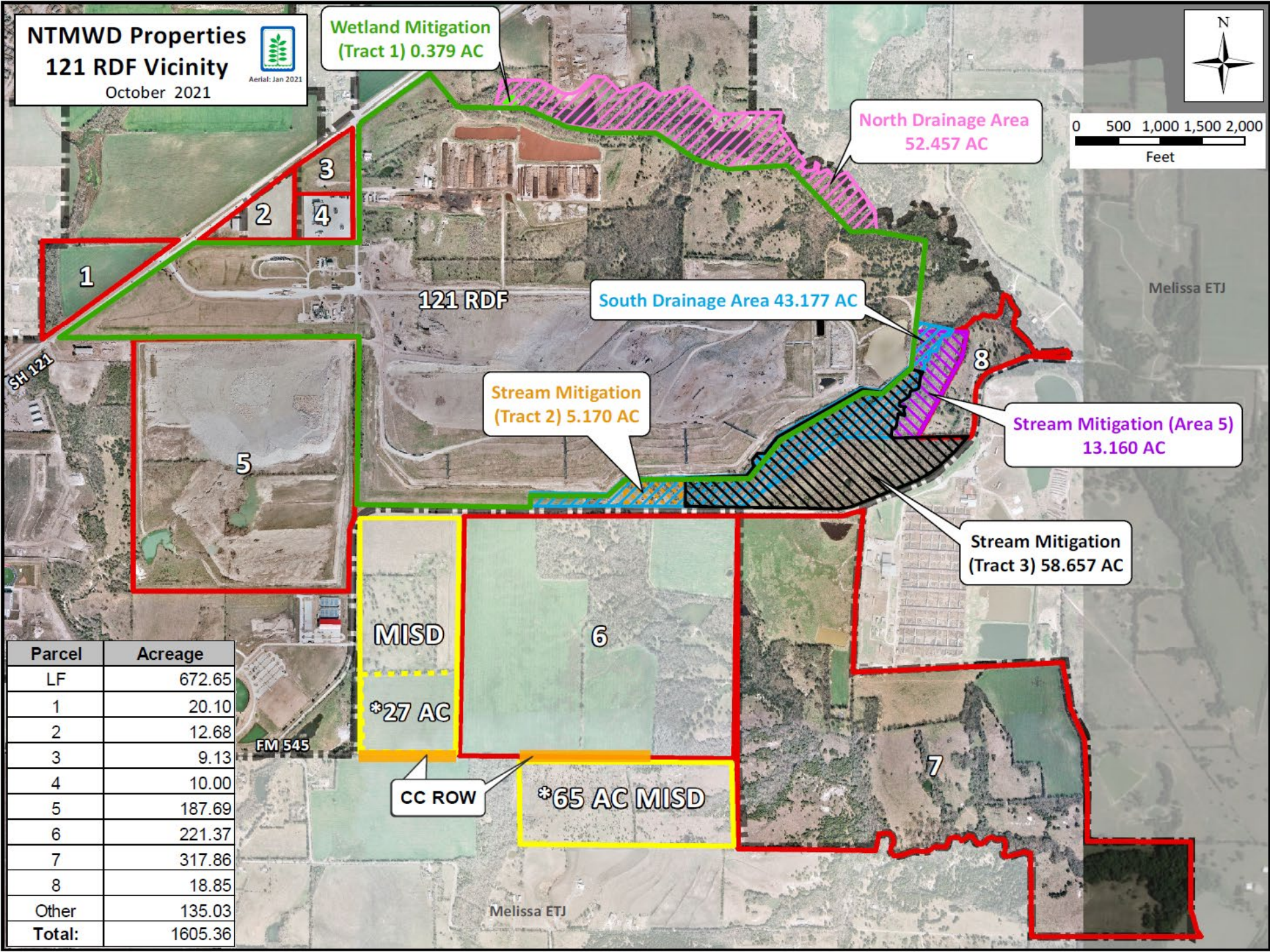
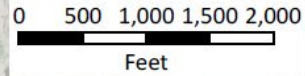
- A. Review of City of Melissa request to use property for recreational trails at 121 Regional Disposal Facility

**NTMWD Properties**  
**121 RDF Vicinity**



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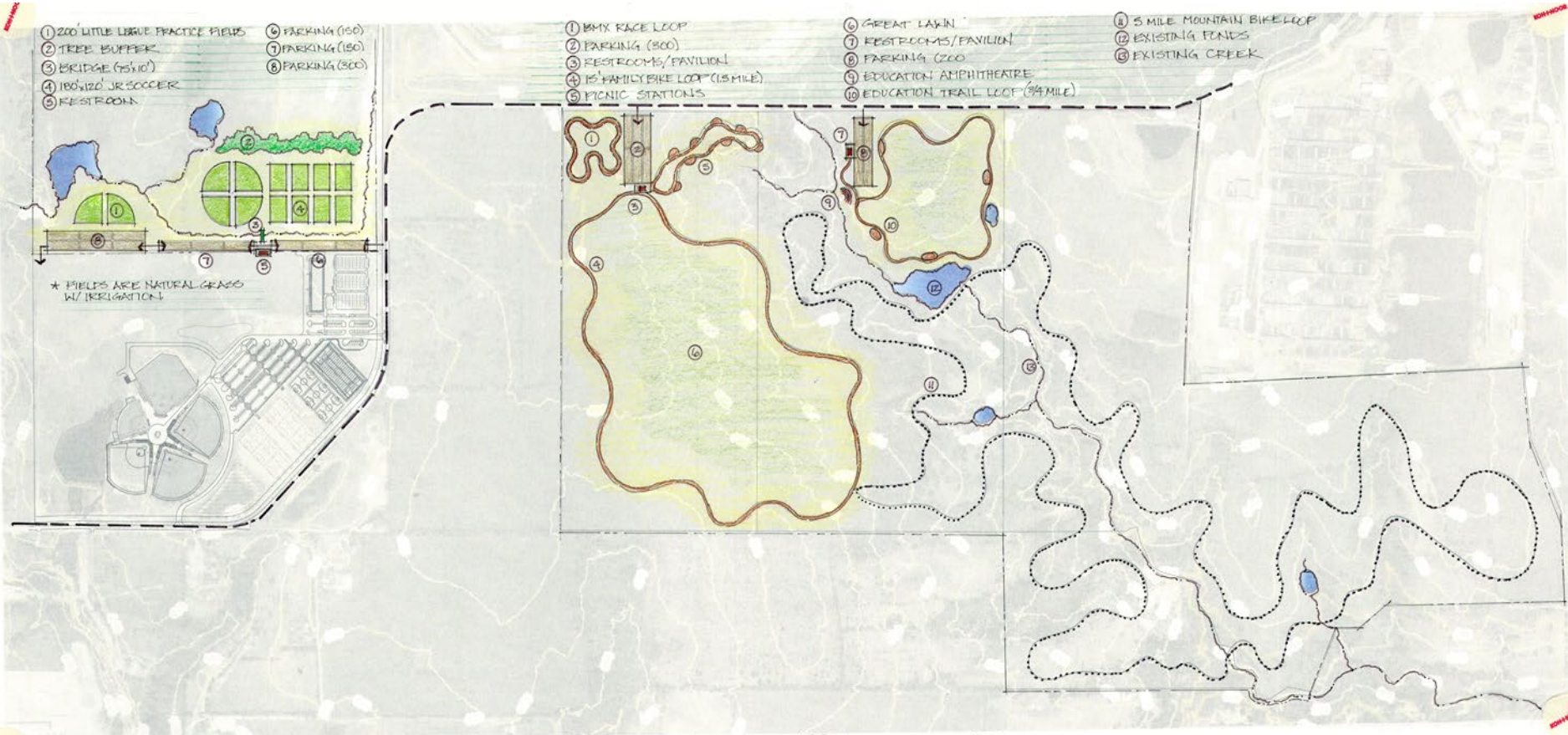
Melissa ETJ

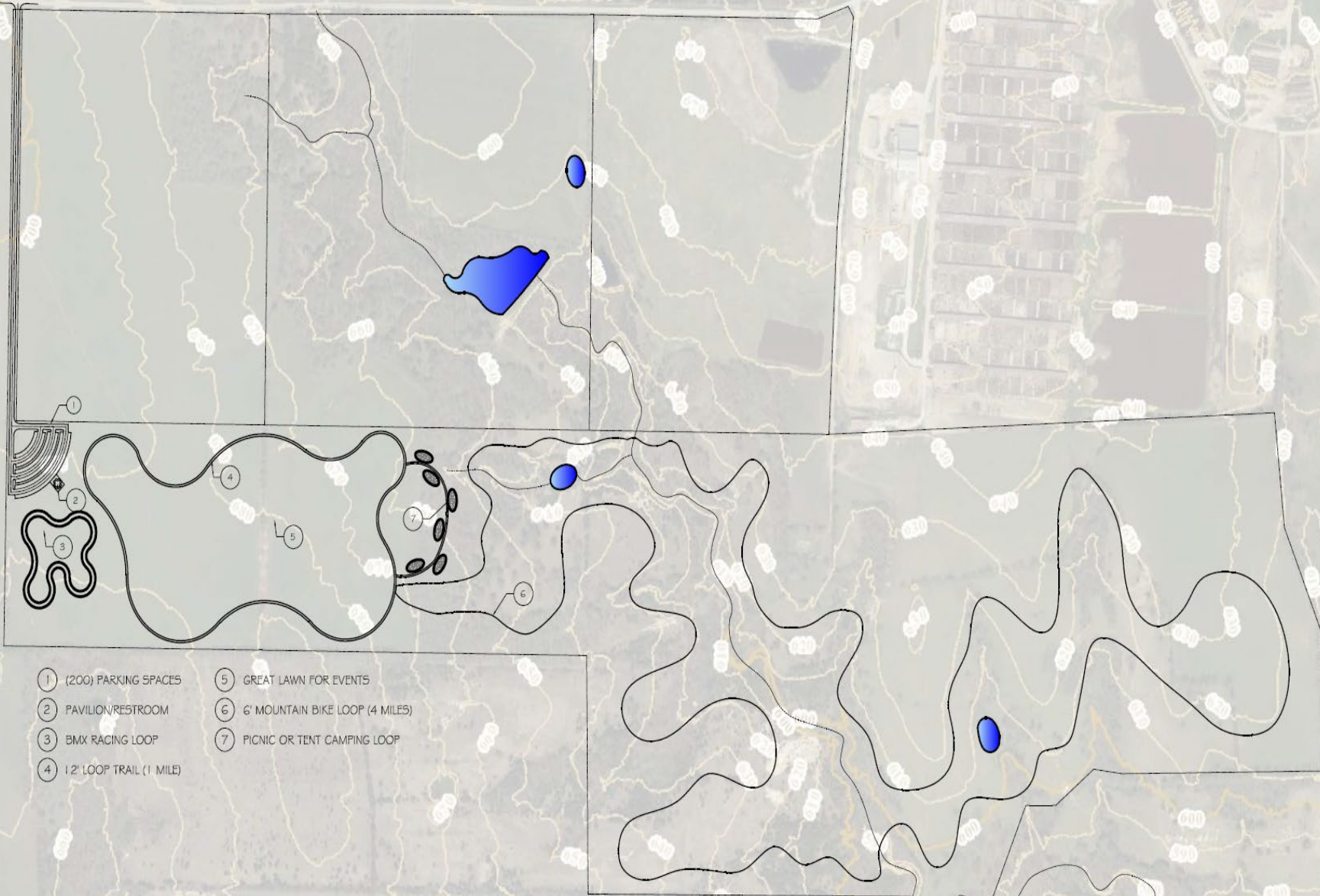
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FM 545

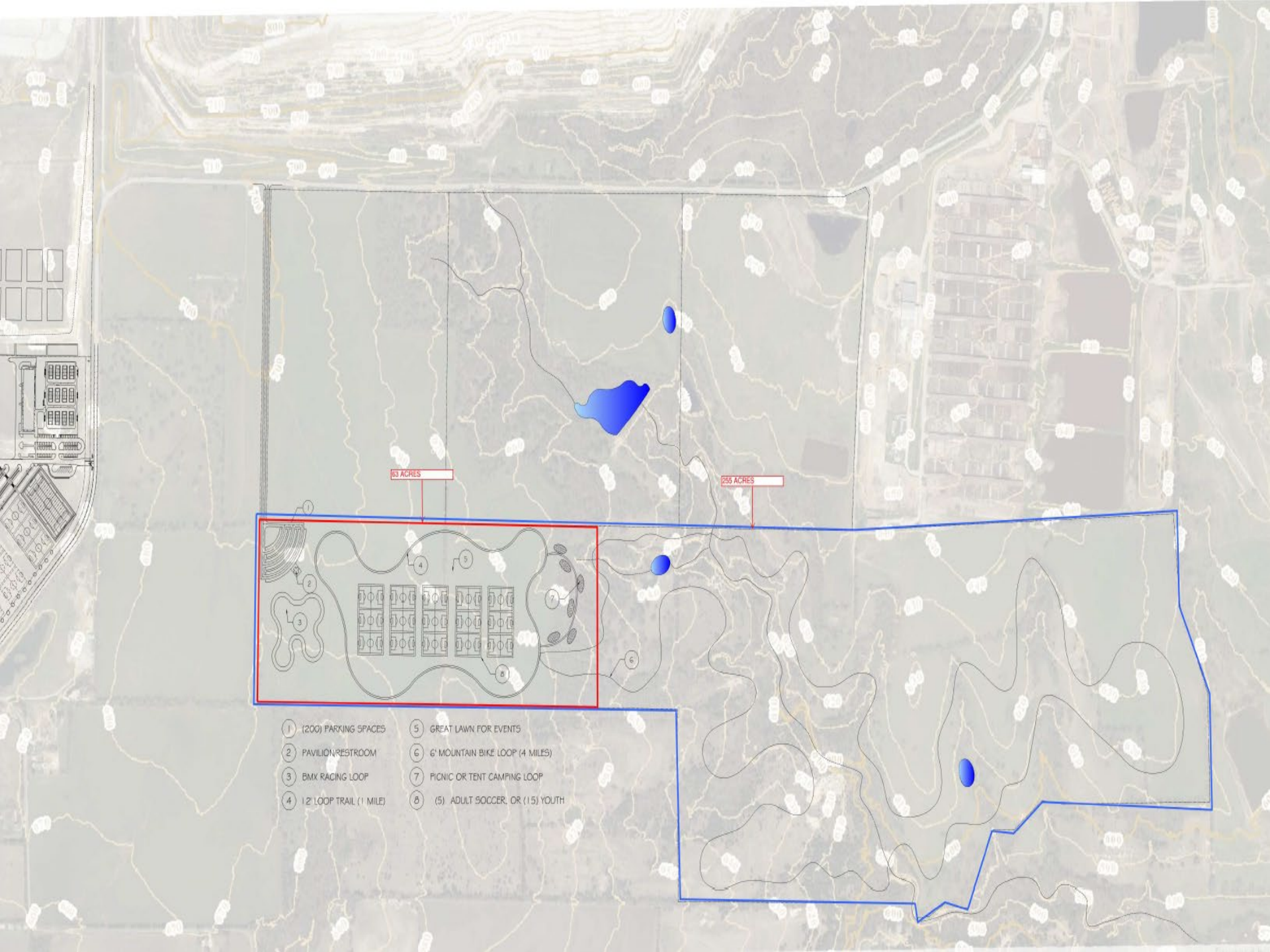
SH 121

# ORIGINAL PROPOSED HIKE AND BIKE LAYOUT (JULY 21, 2021 REAL ESTATE COMMITTEE MEETING)





- ① (200) PARKING SPACES
- ② PAVILION/RESTROOM
- ③ BMX RACING LOOP
- ④ 1.2' LOOP TRAIL (1 MILE)
- ⑤ GREAT LAWN FOR EVENTS
- ⑥ 6' MOUNTAIN BIKE LOOP (4 MILES)
- ⑦ PICNIC OR TENT CAMPING LOOP



163 ACRES

225 ACRES

- 1 (200) PARKING SPACES
- 2 PAVILION/RESTROOM
- 3 BMX RACING LOOP
- 4 1/2 LOOP TRAIL (1 MILE)
- 5 GREAT LAWN FOR EVENTS
- 6 6+ MOUNTAIN BIKE LOOP (4 MILES)
- 7 PICNIC OR TENT CAMPING LOOP
- 8 (5) ADULT SOCCER, OR (15) YOUTH



# AGENDA

Jeff Mayfield  
NTMWD Deputy Director

## V. Discussion Items

### B. Update on fourth transfer station site



## UPDATE ON FOURTH TRANSFER STATION

### **Fourth Transfer Station**

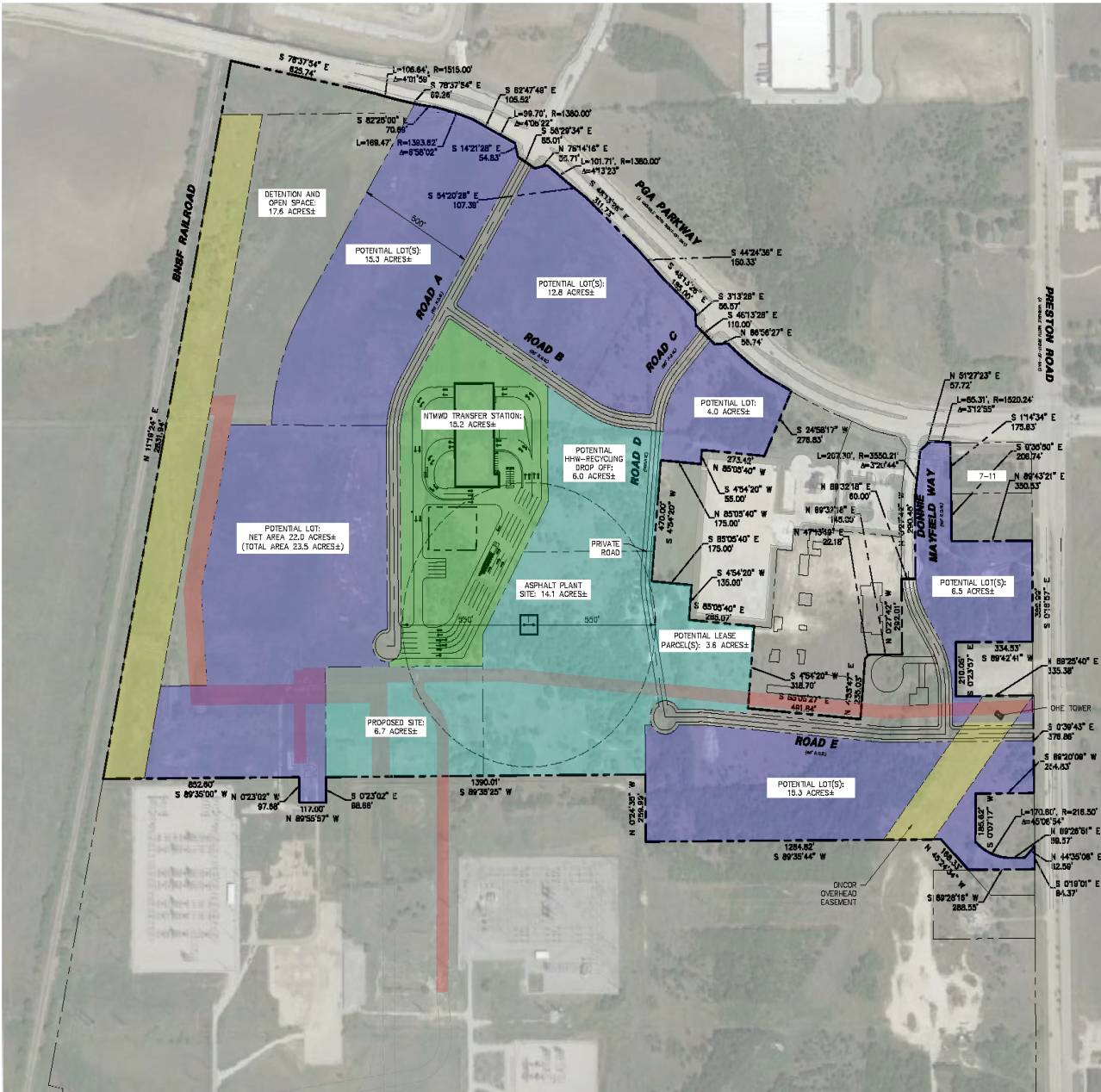
- **Frisco location**
- **Approximately 15 acres**
- **Custer Road TS waste acceptance restriction**
- **Delay implications**





0 100 200 400 600  
GRAPHIC SCALE IN FEET

- BELLARD
- ELECTRIC METER
- POWER POLE
- LIGHT STANDARD
- WATER METER
- WATER VALVE
- IRRIGATION CONTROL VALVE
- FIRE HYDRANT
- CLEANOUT
- MANHOLE
- TRAFFIC SIGNAL CONTROL
- TRAFFIC SIGNAL POLE
- TELEPHONE BOX
- FLOOD LIGHT
- FLAG POLE
- TRAFFIC SIGN
- 1/2-INCH IRON ROD
- W/PATCHED KOCH CAP SET
- CONTROLLING MONUMENT
- PROPERTY LINE
- FENCE
- COORDINATE DESIGNATION
- PROPOSED FENCE
- FIRE LANE
- GRADE BREAKS
- SWALES
- DEDICATED ELECTRIC EASEMENT
- DEDICATED NATURAL GAS EASEMENT (CANNOT PAVE OVER)
- POTENTIAL LOT
- POTENTIAL LEASE PARCEL
- NITWMD TRANSFER STATION



ISSUED FOR PRELIMINARY PRICING PURPOSES ONLY  
(SUBJECT TO REVISION PRIOR TO CONSTRUCTION)

THESE DOCUMENTS HAVE BEEN PREPARED BY THE ENGINEER WITH THE INTENT OF COMPLYING WITH ALL CITY STANDARD REQUIREMENTS. THESE DOCUMENTS HAVE BEEN APPROVED AND RELEASED FOR CONSTRUCTION BY THE CITY AS OF THE DATE AND, THEREFORE, REVISIONS MAY BE REQUIRED PRIOR TO CONSTRUCTION. BY ANY USE OF THESE DOCUMENTS, THE USER ACCEPTS THEIR UNDERSTANDING OF THE PRELIMINARY STATUS OF THE PLANS AND THE POTENTIAL FOR REVISION PRIOR TO ANY CONSTRUCTION.

NO.	DATE	REVISION

7557 RAMBLER ROAD SUITE 1400  
DALLAS, TX 75231 972.335.3031  
TX REG. ENGINEERING FIRM #4-166  
TX REG. SURVEYING FIRM LS-100280000

## CONCEPT SITE PLAN

### LUMINANT REDEVELOPMENT

#### CITY OF FRISCO, COLLIN COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AJC	PAH	OCT 2021	1"=200'			<b>EXHB</b>

PLANT: 10/27/2021 10:52:29 AM  
 USER: PAH  
 PROJECT: 4006-20.306  
 DIAL: CADD 2018.4006-20.306SP.DWG

LUMINANT REDEVELOPMENT



NORTH  
TEXAS  
MUNICIPAL  
WATER  
DISTRICT





## UPDATE ON FOURTH TRANSFER STATION

### Potential Schedule

- **April 2022 – Award preliminary engineering services**
- **June 2022 – Purchase property**
- **July 2022 – Begin Frisco & TCEQ permitting**
- **April 2024 – Final design award**
- **March 2025 – Construction award**
- **September 2026 – Operational**
- **Add at least one year if contested case hearing**
- **\*Will return to Solid Waste Committee before property purchase**



# AGENDA

Jeff Mayfield  
NTMWD Deputy Director

## V. Discussion Items

### C. Update on Parkway Transfer Station Permit Amendment for Top Load Conversion



## UPDATE ON PARKWAY TRANSFER STATION PERMIT AMENDMENT

- **Convert from compactors to single tunnel top load**
- **Increase permitted waste acceptance from 770 tons per day (tpd) to 1,500 tpd, averaged over 365 days per year**
- **Plano approved Civil and Landscape Plans**
  - **Waiting for revised site plan and replat approval**
- **February 2022 – Submit application to TCEQ**
- **May 2022 – Final design award**
- **March 2023 – Construction award**
- **May 2024 – Operational**
- **Add at least one year if contested case hearing**
- **\*Will return to Solid Waste Committee before final design award**

# Parkway Transfer Station

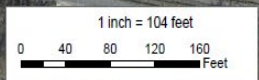
4030 W Plano Pkwy, Plano, 75093



to Plano Parkway →



- Legend**
- Permit Boundary Limit
  - Permit Boundary
  - Buildings and Structures



SW5200	Parkway Transfer Station, 4030 W. Plano Parkway, Plano, TX 75093
SW5200-A	Scale House, Parkway Transfer Station
SW5200-B	Transfer Building, Parkway Transfer Station

Date: 11/22/2021



# AGENDA

Jeff Mayfield  
NTMWD Deputy Director

## V. Discussion Items

D. Review upcoming solid waste projects/potential board agenda items



## UPCOMING SOLID WASTE AND FLEET PROJECTS

- **January 2022 - 121 RDF Fleet Maintenance Facility and Annex final design award**
- **March 2022 - Wylie Service Center final design award**
- **April 2022 - 121 RDF Heavy Equipment Shop Addition construction and construction inspection award**
- **August 2022 - 121 RDF South Slope Closure construction and construction inspection award**





## AGENDA

### **V. Discussion Items**

- E. Opportunity for Committee members to provide feedback on Solid Waste Committee meeting**



## AGENDA

### V. Discussion Items

F. Opportunity for Committee members to request potential future agenda items

### VI. Adjournment