

Resource Conservation Council

Facility Conformance Subcommittee

January 20, 2022

Procedures for Online Meeting

- ▶ Please keep your microphone on mute when not speaking.
- ▶ Please state your name and the entity you are representing when you ask a question or provide a comment.

Welcome and Introductions

- ▶ Jeff Mayfield, North Texas Municipal Water District
Chair, Facility Conformance Subcommittee

Presentation

- Major permit amendment application for Construction Recycling and Waste Corporation Type IV Landfill, Collin County
- Frank Pugsley, P.E., Sector Director/Principal, Parkhill



**380 MCKINNEY
C&D LANDFILL**

CRWC Type IV Landfill Permit Amendment

MSW Permit No. 2278A

January 20, 2022

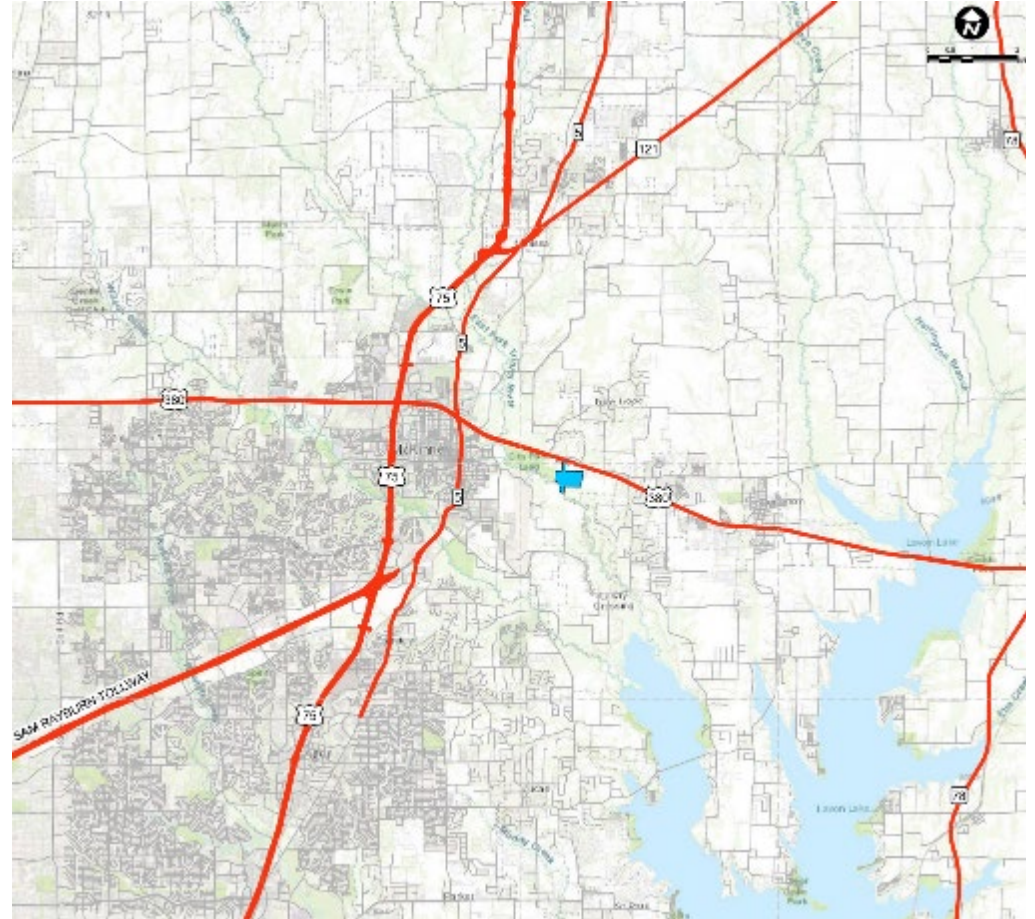
Parkhill

AGENDA

- Landfill Background
- Land Use Conformance
- Regional Conformance

LANDFILL BACKGROUND

- Located on US Highway 380, east of McKinney



LANDFILL BACKGROUND

■ Permitting History

- MSW 2273 submitted in 1998; withdrawn in 1999
- MSW 2278 Resubmitted in June 1999, approved in 2003
- Declared inactive in 2007
- Owner change in 2014
- Permit update in 2015

■ Facility Construction & Operations

- Cell 1A construction completed in November 2018
- Facility opened to accept waste November 2019

LANDFILL BACKGROUND

- Facility Description – Type IV Landfill
- Waste Accepted
 - Municipal Construction and Demolition Waste
 - Industrial Class III Waste (Inert materials including soil, rock and rubble, etc.)
 - 2020 Tonnage – 222,200 tons
 - 2021 Tonnage – 297,400 tons

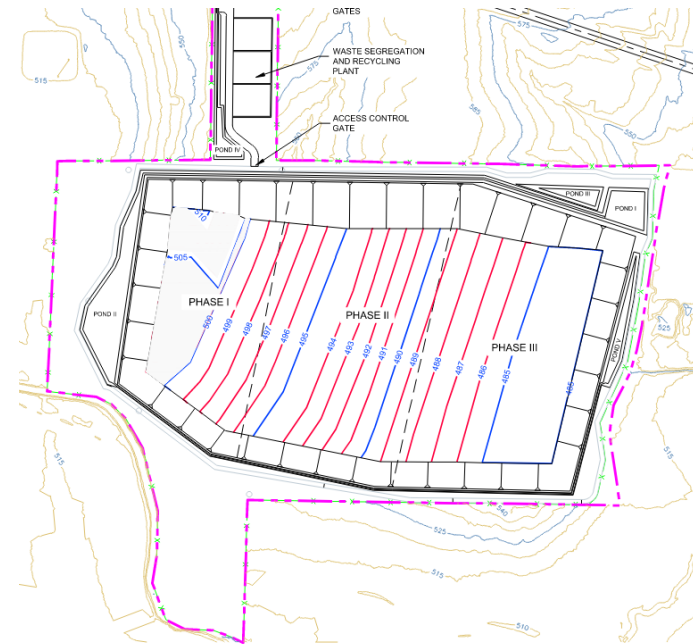
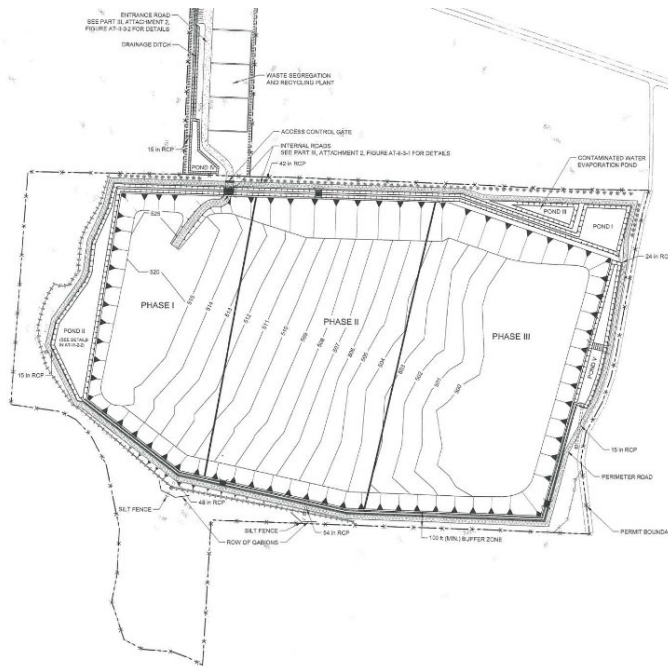
LANDFILL BACKGROUND

■ Proposed Permit Changes

- Increase excavation depth by 15 feet.
- Landfill life increase – Additional 1,642,700 cubic yards (13%).
- Alternate Landfill Liner consisting of a geosynthetic clay liner (GCL) with protective cover
- Update outdated permit rule citations in MSW Permit 2278

LANDFILL BACKGROUND

- Maximum Depth of Excavation: 485 ft-MSL (15 ft increase from MSW 2278)
- Eliminate extensive earth fill. Quarry is excavated to 485 ft-MSL.



LAND USE CONFORMANCE

- The land use and zoning is authorized by the City of McKinney through Ordinance 2002-05-046.
 - The property may be developed with the following provision: “A Type IV Landfill, as defined by the Texas Natural Resource Conservation Commission, is a permitted use.”

REGIONAL CONFORMANCE

■ Goal No. 1: Time to Recycle

- The facility contributes to the efforts to expand commercial recycling efforts by business and governments across the region by diverting clean loads of brush and wood waste for alternative uses.
- The facility is in the planning and procurement phase for the construction of the authorized C&D Recycling Facility on-site. The facility will separate incoming loads into recoverable material streams, while disposing of residuals in the landfill.

■ Goal No. 2: Stop Illegal Dumping

- The facility will make available public awareness materials developed by NCTCOG to contribute to the efforts to facilitate public awareness and reduce illegal dumping.

■ Goal No. 3: Assuring Capacity for Trash

- The proposed permit amendment results in an increased landfill capacity by increasing the maximum permitted excavation depth.
- An increase of 1,642,700 cubic yards is expected



Questions?

Frank E. Pugsley, PE
fpugsley@parkhill.com

Parkhill

Action Item

The Subcommittee will discuss the application for the Construction Recycling and Waste Corporation Type IV Landfill and vote whether to recommend to the Resource Conservation Council that the application conforms to the North Central Texas Regional Solid Waste Management Plan.

Next Steps

The Resource Conservation Council will vote on the Subcommittee's recommendation regarding the Construction Recycling and Waste Corporation Type IV Landfill at its meeting on February 16, 2022.

A letter stating the RCC's final conformance determination will be submitted to the TCEQ, and a copy will be sent to the applicant.

Subcommittee Discussion

Updating NCTCOG's Conformance Review Process.

➡ Elena Berg, NCTCOG

Subcommittee Discussion

Updating NCTCOG's Conformance Review Process.

To be completed by March 31, 2022

➤ Goal for today:

➤ Receive feedback from Subcommittee

Updating NCTCOG's Conformance Review Process

Timeline for completing review

Conformance meeting – no later than 60 days from date of receipt of application/registration by NCTCOG

- TCEQ starts administrative and technical review simultaneously
- TCEQ would like to have the conformance review completed before the technical review is complete
- Committee could be reviewing application that is not administratively complete
- NCTCOG will ask applicant for name of TCEQ project manager on each application/registration

Updating NCTCOG's Conformance Review Process

No requests for public comment

- Duplicative of TCEQ's public comments

Applicant not present at committee discussion/vote

General Question

Does the Subcommittee have any expectations of applicants that need to be clarified (i.e. provided in text to them)?

Regional Solid Waste Management Plan Municipal Survey

Survey Deadline Extended to January 28, 2022

[Link to Main Municipal Survey](#)

[Link to Supplemental Municipal Survey](#)

Questions?

Contact Hannah Allen at hallen@nctcog.org

Contact

Elena Berg

Environment & Development Planner II

eberg@nctcog.org

817-608-2363

Cassidy Campbell

Program Manager

ccampbell@nctcog.org

817-608-2368

Connect



Facebook.com/nctcogenv



@nctcogenv



nctcogenv



youtube.com/user/nctcoged



EandD@nctcog.org



nctcog.org/envir