

Resource Conservation Council

Facility Conformance Subcommittee

September 12, 2022

Elena Berg

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

- ➡ Patricia Redfearn, City of Grand Prairie
Incoming Chair
Facility Conformance Subcommittee

Presentation

- Major permit amendment application for the City of Garland Transfer Station, a Type V MSW processing facility in Garland, Texas.
- Nevzat Turan, P.E., Principal, Weaver Consultants Group, LLC
- Jason Chessher, Managing Director, City of Garland Transfer Station

CITY OF GARLAND TRANSFER STATION FACILITY MAJOR PERMIT AMENDMENT

NCTCOG CONFORMANCE REVIEW



GARLAND
TEXAS MADE HERE

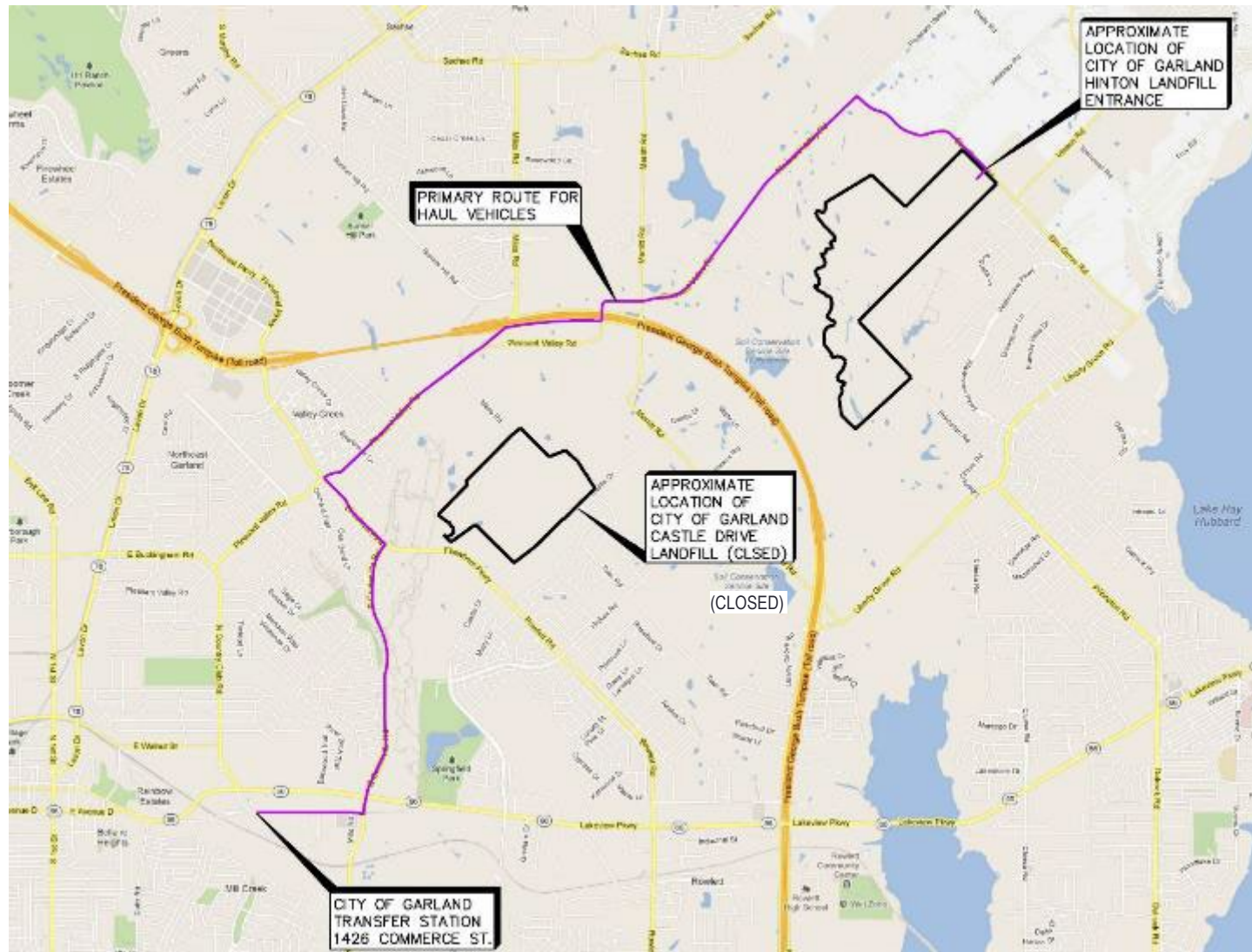
Applicant Information

- The applicant for this application is the City of Garland.
- The City of Garland Transfer Station Facility has provided municipal solid waste (MSW) transfer needs for the City of Garland and surrounding cities for 47 years.

Transfer Station



MSW Facilities

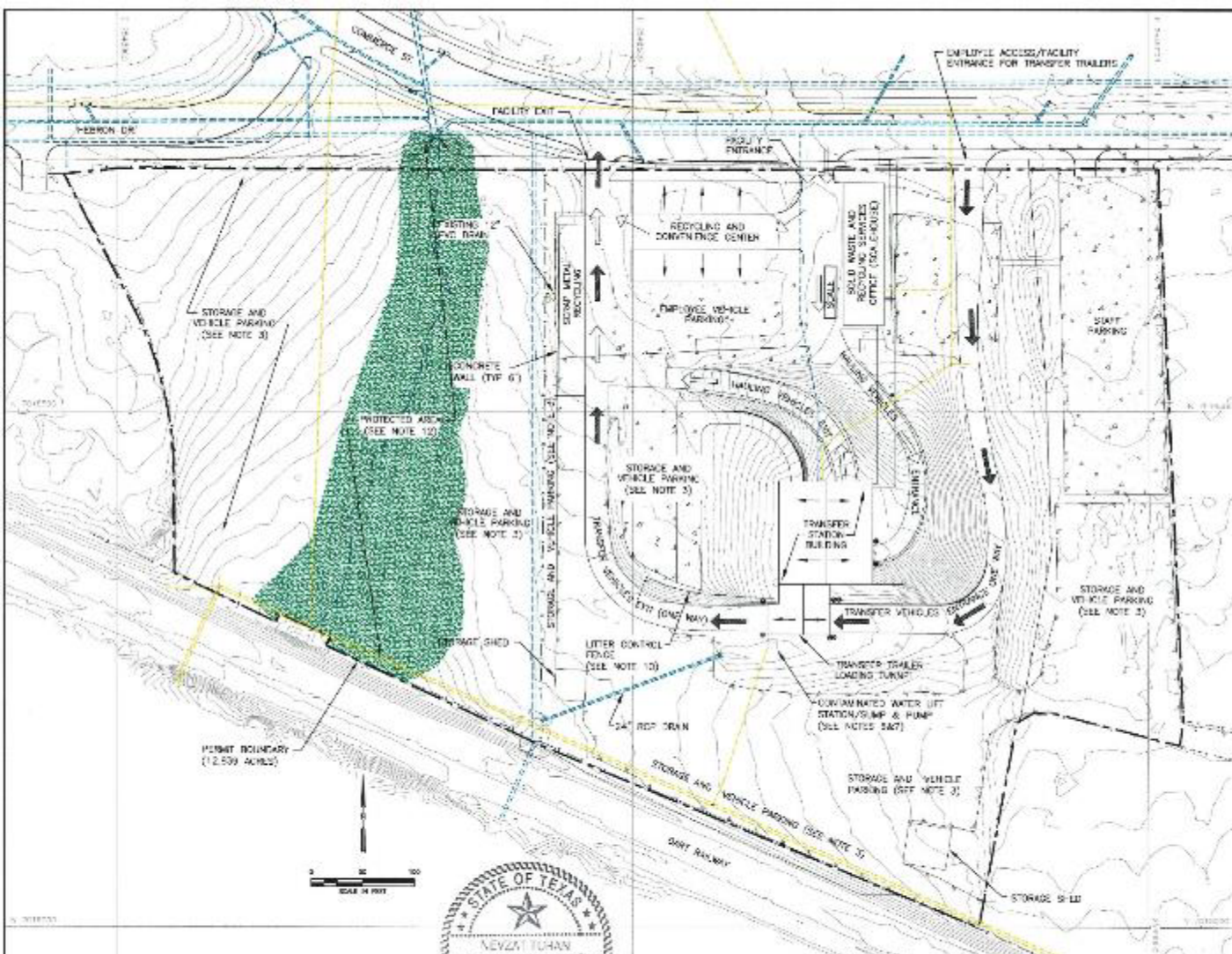


Site History

- December 19, 1975 - Permitted as MSW transfer station.
- 2007 Permit Modification to SOP - Revised the number of operating days.
- 2014 Permit Modification to SDP/SOP - Decreased permitted area from 22.9 acres to 8.64 acres and updated plans to meet regulatory requirements.
- 2021 Permit Modification to SOP - Increased daily allowable waste transfer rate from 223 tpd to 500 tpd and made transfer rate consistent with the currently approved 1975 permit.

Pending MPA Summary

- Update currently approved daily allowable waste transfer rate of 500 tpd to 1,500 tpd.
- Update permit boundary from 8.64 acres to 12.839 acres.
- Allow for the receipt of specific special waste.



- LEGEND**
- PERMIT BOUNDARY (SEE NOTES 2 AND 4)
 - EXISTING GROUND CONTOUR (SEE NOTE 1)
 - STATE PLANE COORDINATE SYSTEM
 - PARKING AREA
 - STREET
 - SANITARY SEWER (SEE NOTE 7)
 - STORM WATER DISCHARGE
 - WATERLINE
 - FLOWLINE
 - GRASS COVER
 - GRASS EDGE
 - RECYCLABLES DELIVERY TRAFFIC FLOW
 - TRANSFER VEHICLE TRAFFIC FLOW
 - HAULING VEHICLE TRAFFIC FLOW (SEE NOTE 8)
 - ROOF SLOPE
 - PROTECTION BOLLARDS (SEE NOTE 9)

NOTES

1. EXISTING TOPOGRAPHIC MAP HAS BEEN PREPARED BY R-DELTA ENGINEERS, INC. (2019). GRID SYSTEM IS TIED TO THE TEXAS STATE PLANE COORDINATE SYSTEM NORTH CENTRAL ZONE NAD 1983 AND VERTICAL DATUM NAVD83.
2. THE PERMIT BOUNDARY LEGAL DESCRIPTION DATED JANUARY 18, 2022 WAS PREPARED BY WEAVER CONSULTANTS GROUP.
3. THESE AREAS ARE CHALK/MARKINGS SURFACES AS NEEDED AND MAY BE UTILIZED FOR VEHICLE PARKING, COLLECTION, OVERLAP, STORAGE, OR ROLL-OFF CONTAINERS. ALL OPEN AREAS WITHIN THE PERMIT BOUNDARY ARE EITHER GRASS COVERED OR SURFACED FOR ALL WEATHER ACCESS USING CONCRETE, ASPHALT, OR GRAVEL.
4. FENCING (6-FT CHAINLINK, 4-FT BARBARE, ETC.) MEETING THE REQUIREMENTS OF TITLE 30 FAC §330.222(C) IS INSTALLED ALONG THE PERMIT BOUNDARY.
5. RECYCLING DELIVERIES SERVED BY THE CITY OF GARLAND CITIZENS AND NON-COMMERCIAL DELIVERIES ONLY.
6. CONTAMINATED WATER FROM THE TRANSFER TRAILER LOADING TUNNEL DRAIN IS COLLECTED IN THE LF SANITARY/SUMP AND PUMPED INTO THE CITY SANITARY SEWER LINE.
7. SANITARY SEWER DISCHARGE LINE IS APPROXIMATED FROM AS-BUILT CONDUIT DRAWINGS DATED 2022.
8. TRANSFER STATION SERVES THE CITY OF GARLAND SOLID WASTE COLLECTION VEHICLES AS WELL AS OTHER CITIES AUTHORIZED TO USE THE FACILITY AND THE PUBLIC.
9. PROTECTION BOLLARDS ARE INSTALLED AS NEEDED AT THE ENTRANCE, EXIT, AND LOCATIONS TO PROTECT STRUCTURES.
10. LITTER CONTROL FENCING IS INSTALLED AT VARIOUS LOCATIONS TO COLLECT LITTER AND MAINTAIN ACCESS.
11. FACILITY ENTRANCE IS USED BY THE PUBLIC AND WASTE HAULING VEHICLES FOR ENTRY. TRANSFER TRAILERS LEAVE THE FACILITY FROM THE FACILITY EXIT. THE EMPLOYEE ACCESS/FACILITY ENTRANCE FOR TRANSFER TRAILERS IS USED BY THE EMPLOYEES TO ENTER/EXIT THE FACILITY AND BY THE TRANSFER TRAILERS TO ENTER THE FACILITY AND LEAVE THE FACILITY FROM THE FACILITY EXIT.
12. SHADDED AREA INDICATES APPROXIMATE LIMITS OF AREA WITH HIGH CANOPY VEGETATION. THIS AREA WILL BE PROTECTED FROM ITS OPERATIONS USING FENCE OR SIMILAR MEANS. NO DEVELOPMENT WILL OCCUR WITHIN THIS AREA WITHOUT PRIOR PROPER AUTHORIZATION (REFER TO PARTS 1/1 SECTION 1-1).

DO NOT
FOR FUTURE PLANNING ONLY
REVISIONS FOR CONSTRUCTION

DATE: 06/30/2022
FILE: 06/30/2022
PROJECT: 06/30/2022

Weaver Consultants Group
TEPC REGISTRATION NO. 7-3192

CITY OF GARLAND

REVISIONS

NO. DATE DESCRIPTION

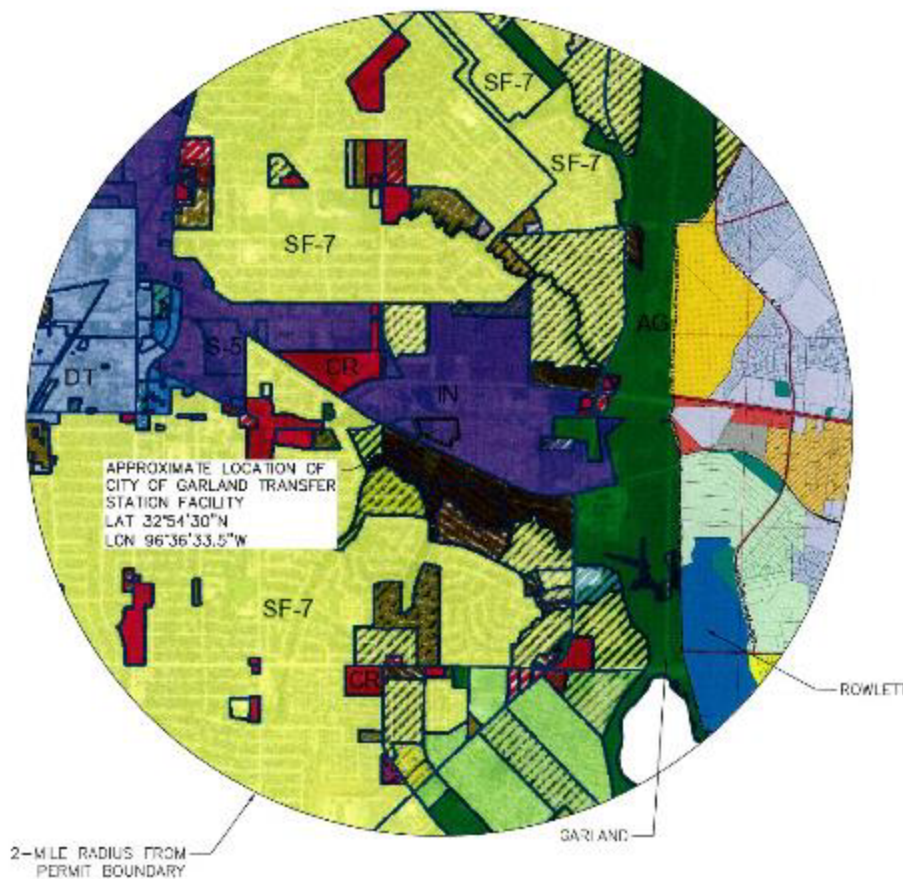
MAJOR PERMIT AMENDMENT
TRANSFER STATION SITE PLAN

CITY OF GARLAND TRANSFER STATION FACILITY
DALLAS COUNTY, TEXAS

WWW.WCGRP.COM | FIGURE 1/11-3.2


Land Use Summary Within 1 Mile

Land Use	Percent
Residential	48.69
Agriculture/Open Space/Park	26.36
Industrial/Commercial/City	14.20
Transportation Corridor	9.19
City of Garland Transfer Station Facility	0.45
School	0.65
Church	0.37
Day Care	0.09
Total	100



BOWLETT ZONING MAP LEGEND	
	C-1 Limited Commercial District
	C-2 General Commercial District
	C-3 Commercial Office Highway
	U Institutional Urban
	M-1 Light Manufacturing
	M-2 General Manufacturing
	MF-2F Multi-Family Attached Row, Duplex
	MF-5 Multi-Family Attached Row, Single-Flex
	MU-1 Multi-Family Attached Row, Urban
	CB-CC Town Based Commercial Center District
	MU-WF Mixed-Use Waterfront
	PE-NV Town Based New Neighborhood District
	O-1 Local Office
	O-2 General Office
	PARK Park
	PO Planned Development
	SR-10 Single-Family Residential - 1021
	SR-15 Single-Family Residential - 1511
	SR-20 Single-Family Residential - 2024
	SR-40 Single-Family Residential - 4014
	SR-5 Single-Family Residential - 515
	SR-8 Single-Family Residential - 818
	SR-5 Single-Family Residential - 518
	SUP Special Use Permit
	TL Take Lint
	IL Industrial Overlay Zoning District
	MU-LV Town Based Urban Village District
	PE-NV Town Based Neighborhood District
	MU-LN Town Based Local Neighborhood District
	FD-05 Town Based Regional Special District



<input type="checkbox"/> DRAFT <input type="checkbox"/> FOR PERMITTING PURPOSES ONLY <input type="checkbox"/> FOR LRP ONLY (NOT FOR LTR)		PREPARED FOR CITY OF GARLAND		PROJECT DEVELOPER(S) MAJOR PERMIT AMENDMENT ZONING MAP													
DATE: 11/20/2012 FILE: 2011-22-1 ACT: 11-20-2012		DRAWN BY: JIM 10/25/12 BY: JIM PROJECT NO.: 11-20-2012		CITY OF GARLAND, TRANSFER STATION FACILITY DALLAS COUNTY, TEXAS													
 Weaver Consultants Group 7806 REGISTRATION RD. # 3727		REVISIONS		WWW.WCGRP.COM													
		<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		NO.	DATE	DESCRIPTION										FIGURE 1/1-7.2	
		NO.	DATE	DESCRIPTION													
<table border="1"> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>														FIGURE 1/1-7.2			
7806 REGISTRATION RD. # 3727		REVISIONS		FIGURE 1/1-7.2													

Types of Waste Accepted

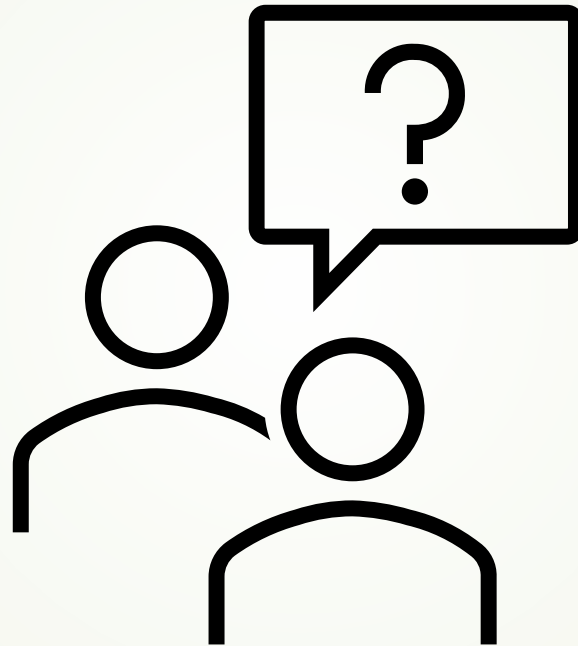
- Types of waste accepted will remain consistent with the current permit, except for the addition of specific special waste.
 - MSW from residential, commercial, community, institutional, and recreational activities.
 - Class 2 and Class 3 non-hazardous industrial solid waste.
 - Construction and demolition waste.
 - *(Pending approval) Special waste – dead animals incidental to routine collection of MSW that can be systematically processed along with other solid waste.*

Consistent with Regional Plan Goals

- NCTCOG Regional Plan supports the need for MSW facilities, including transfer stations, as a long-term component of the region's solid waste management program.
- Additional daily waste transfer capacity gained will contribute to meeting the NCTCOG's goal of improving the "MSW facility types," which include the transportation of MSW, since MSW generation will continue to increase and landfill airspace will diminish.

Questions

Q & A for Applicant



Action Item

The Subcommittee will discuss the major permit amendment application for the City of Garland Transfer Station, 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 City of Garland Transfer Station at its meeting on November 3, 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.

Contact

Elena Berg

Environment & Development Planner III

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