



8480 Tower Road, Commerce City, CO 80022
O 303-371-5115 F 303-371-5150 republicservices.com

December 28, 2023

Via electronic mail to: dguerra@c3gov.com and planning_submittals@c3gov.com

Mr. Dalton Guerra
City of Commerce City
7887 E. 60th Avenue
Commerce City, CO 80022

Dear Mr. Guerra:

Allied Waste Systems of Colorado, LLC (“Allied Waste/Republic Services”) has prepared the following **Neighborhood Meeting Written Summary** for your use and documentation.

Tower Landfill and Republic Services staff hosted a community open house to share and present information on its proposed development plans, which includes annexing a 110-acre property to the east of the facility.

- **Location-** **Bison Ridge Recreation Center- 13905 E. 112th Commerce City, CO**
- **Date/Time-** **December 5, 2023 5-7 p.m.**
- **Written Documentation was sent to neighbors on November 15th and documented by the “Affidavit Giving Notice of Mailing” submitted to City Planning Division staff on December 27, 2023. See Attachment A**

The meeting format consisted of 5 topic stations (open house format); each station was supported by 2-3 Republic Team Members available to explain our project, plans, regulatory requirements, engineering, operations, and the City’s Planning Division processes. Photos of the stations and the Republic staff made available to answer questions are also included as attachments. The individual stations covered the following topics:

Station 1: Oatway and Lawler

Republic Services overview + Sustainability as a company value on a national and local level

- Company stats + awards (one posterboard) and Sustainability efforts/goals (second posterboard)

Station 2: Petrovich, Bruce and DeWaard

Republic Services in Colorado + Municipal Contracts/Services/Recycling (hyper local)

Freebies provided by Petrovitch’s team handout take home items.

- # of employees, operations (routes/landfills/recycling), economic benefits (one posterboard)
- Leave behind fact sheet: what/how to recycle, City disposal and recycling operations and collection and contact information, etc.

Station 3: Smith and Zucchelli

Overall information on how a landfill is regulated, designed regulatory requirements, engineering, operations, and closure requirements.

- How a landfill works display boards providing information on LFG Collection, GW Monitoring, Gas Migration Monitoring and Stormwater Monitoring- Landfill Construction Cross section
- Landfill layers liner material for display (to let people touch/feel)
- Aerial view of Tower Landfill (one posterboard)
- Gas collection, groundwater monitoring, leachate collection information etc. (second posterboard)

Station 4: Derus and Briest

Specific proposed project details.

- Engineering, design, and operation of the existing landfill and proposed relocated entrance facilities.
- Filling of the existing entrance scale area/facilities
- Project Benefits to the community
 - Republic C-3 Partnership
 - Reduce Traffic on Tower Rd and 88th
 - Move entrance operations to the east between 470 & Landfill
 - Eliminate disturbance of Second Creek and allow for Bike and hiking trails along the Creek and 470
 - Continue operation of Canopy Parking
 - Commercial development along Tower Rd.

Station 5: Carlson

The application- what we're doing and why. Planning Division requirements for Annexation, PUD Zoning and Land Use Plan.

- Annexation map
- Map of city boundaries
- Explanation of the process
- Legal and Planning and Community Development Department

Meeting Attendees (see sign in sheet - Attachment B)

- 10 Guests
 - 5 Residents
 - 2 City Elected Officials - Mayor Elect and a current Council Member
 - 2 Regulators Adams County Health
 - Representative of Property Owner (Fulenwider) of the Proposed Annexation Property Rick Wells
- Handouts – Compatibility and Impact Mitigation - Tower Landfill Annexation (Attachment C)

Summary of the issues, concerns, and problems expressed during the meeting by attendees (Primarily only questions asked with background and information provided):

1. Landfill Gas (LFG)– What are its end uses and how is it collected?

Response- LFG is collected via a series of collection wells (Tower LF currently has over 85 LFG Collection Wells) drilled into the trash, with collection pipes that are under vacuum from a large blower (or fan). Currently, the gas is burned (destructured) in a large, enclosed flame, flare to have less impact on the ozone layer of the atmosphere (or reduce Greenhouse ga emissions). Future plans are to clean or scrub the gas to make it pipeline quality and introduce it back into the natural gas distribution grid to be reused as Renewable Natural Gas (RNG). Currently 70% of Republic’s Metro Denver based collection trucks or approximately 175 (which service Commerce City residents).

2. What is the liquid acceptance, solidification, and disposal process?

Response - The solidification basin accepts non-hazardous liquid waste and for solidification, each potential liquid waste proposed for solidification and sludge disposal at the Tower Landfill shall be adequately characterized based on generator knowledge and laboratory testing. The waste characterization is the responsibility of the generator or its appointed representative. It is the responsibility of the generator to certify and verify the waste is non-hazardous and to ensure all loads contain only the certified material as attested by the generator. A Special Waste Profile is required for all liquid wastes. Where appropriate and applicable, Safety Data Sheets (SDS) for liquid waste components will also be requested for review as part of the waste characterization process along with other available analytical results.

Once the waste is approved and accepted through the gatehouse, with proper identification paperwork and per load manifest (or documentation), the liquid is unloaded into the mixing basin where it is solidified (absorbed) with a mixture of soil, auto shredder residue (ASR) and other material such as wood chips and saw dust. The material is mixed with an excavator bucket until there are no free liquids and tested by a paint filter test. The solid material is then loaded into a dump truck and disposed of into the landfill as a solid.

3. Are there Mineral Rights on the Fulenwider Property?

Response - The subsurface mineral rights will remain with Fulenwider but no service drilling or well construction will be allowed on the proposed 110-acre annexation property.

4. Is there solar panel potential on the closed portions of the landfill?

Response – Yes, many closed landfills have developed solar fields to generate electricity once disposal operations are complete and final cover has been placed.

5. What recycling and state grant potential does the site have?

Response – Republic Services in the Metro Denver Area has applied and been awarded State Disposal Tipping Fee grants from the FRWD Grant Program. The Grant awarded in 2023 was related to developing additional infrastructure to support organics diversion away from landfills. Republic Services has also been awarded a Grant as a partner with Xcel Energy to help develop the capabilities of electric vehicles (EV's) to be utilized at as recycling and trash collection vehicles. We will work closely with the City's Sustainability Team to partner in the future on diversion and renewable energy such as LFG to RNG.

6. What types of post closure end uses will the site have?

Response – The site will be able to provide the City with passive open space and public recreational trails along 470 and Second Creek. Additional hiking trails and viewing areas from on top of the landfill may also be possible after the site is closed and no longer is accepting materials for disposal.

7. Is there the potential to reuse biogas generated by the landfill?

Response – Yes see response to No. 1 above.

8. Will this project add any cost or taxes to the citizens?

Response – No, this project is 100% privately funded by Republic Services and will provide the City with additional General Fund Revenue in the form of royalties based on increased gate collected tipping fees.

9. Can Tower Rd be widened to 3 lanes?

Response – That would need to be evaluated by the City and its Public Works Transportation team.

10. Can the trucks enter the landfill off Tower Rd. rather than 88th?

Response – This concept was proposed to the City by Republic Services in 2013-2014 – The response from the City Planning staff was “no” due to increased traffic and the need for a traffic signal on Tower between and 81st and 88th and impact to the view while driving northbound on Tower Rd from Pena Blvd.

11. Will there be any recreational bike or walking trails?

Response – Yes, see response to No. 6 above.

12. Where is the 110 acres in question for annexation?

Response- Resident was shown the property on display exhibits describing the project and annexation.

13. Will there ever be any surface drilling on the proposed annexation property?

Response – No, the current landowner (Fulenwider) and Allied/Republic being the future landowner will include this condition in the annexation agreement.

14. Miscellaneous recycling and trash collection.

Response- Republic Services hauling and collection representatives responded and provided the residents with Attachment C.

15. Electrification from LFG/Biogas.

Response - See Response to No. 1 and 5. Some landfills do burn LFG in on site generators to produce electricity to be sold and supplied to the local power distributor (LFG to Energy). This would be United Power for this portion of the City. Republic Services has determined that cleaning and converting LFG to RNG is technologically more sustainable for the long-term future.

In summary, no concerns, issues and problems went unanswered or were identified that Republic Services was unable to address.

Thank you for your attention to this project. Please do not hesitate to contact me with questions or to further discuss at 303-408-9347 or sderus@republicservices.com.

Sincerely,

Steve Derus

Steve Derus
General Manager - Republic Services
Post Collections

Mr. Dalton Guerra
December 28, 2023
Page 6

Attachments A-D

Photos from the meeting Attached (via Email)

cc: Larry Bruskin, Adams County Health Department *(via email)*
Erik Carlson, Foster Graham Milstein & Calisher, LLP *(via email)*
Brian Rupe, Republic Services *(via email)*
John Briest, Weaver Consultants Group *(via email)*
Brian Oatway, Republic Services *(via email)*
Rosemarie Russo, City of Commerce City, Sustainability Manager *(via email)*
Vittoria Zucchelli, Republic Services *(via email)*