

Tower Landfill Land Use Approvals

(Future Land Use Amendment, Annexation, PUD Zone Document Amendment, Right of Way Vacation)

COMMERCE CITY COUNCIL AUGUST 5, 2024



Brian Rupe

Area Vice President, Republic Services

Steve Derus

General Manager, Republic Services

Erik N. Carlson

Partner, FGMC

Presentation Agenda

- **01** Republic Services & Project Overview
- **02** Application Review
- **03** Conclusion
- **04** Q&A



01

Republic Services & Project Overview

REPUBLIC SERVICES OVERVIEW — FACTS & FIGURES

COMPANY	
42K EMPLOYEES	200+ ACTIVE LANDFILLS
8M TONS OF RECYCABLES MANAGED	5M AVERAGE DAILY PICKUPS
1,000+ LOCATIONS IN NORTH AMERICA ¹	76 LANDFILL GAS & RENEWABLE ENERGY PROJECTS
13M CUSTOMERS	74 RECYCLING CENTERS

COLORADO	
1K EMPLOYEES	65% CNG TRUCKS
5 LANDFILLS	6 TRANSFER STATIONS
2 RECYCLING CENTERS	150K TONS RECYCLED ANNUALLY
60 MUNIO CUSTO	CIPAL

COMMERCE CITY 100% 330 **EMPLOYEES CNG TRUCKS** \$125K TOWARD MILE HIGH GREYHOUND PARK REDEVELOPMENT PROJECT 3.6K \$1.4M IN ANNUAL TONS RECYCLED **REVENUE AND ANNUALLY BENFITS** 20.5K **HOMES & CITY FACILITIES SERVICED WEEKLY**

AWARDS	
FORTUNE MOST INNOVATIVE COMPANIES 2024	FORBES BEST EMPLOYERS FOR DIVERSITY 2024
USA TODAY AMERICA'S CLIMATE LEADERS 2024	BARRON'S 100 MOST SUSTAINABLE COMPANIES 2023
ETHISPHERE WORLD'S MOST ETHICAL COMPANIES 2023	CDP DISCLOSER 2023
DJSI WORLD & NORTH AMERICA INDICES 2023	FORTUNE WORLD'S MOST ADMIRED COMPANIES 2023
GREAT PLACE TO WORK CERTIFIED 2017-2023	S&P GLOBAL SUSTAINABILITY YEARBOOK 2023



¹ As of Q2 2023 | Sources: Annual Report on Form 10-K for the year ended December 31, 2023; 2022 Sustainability Report

^{*} than industry average over the last 10 years

LONG-TERM INVESTMENTS

- \$3.6M annexation and construction South Adams Water line along Tower Rd. from 104th Ave to E 80th Ave (1999)
- 5% of site revenue submitted to Commerce City as Host Fee (per 1999 annexation agreement & 2005 Amendment 1)
- Development of **Canopy Airport Parking** contributing City Tax and exit fee paid to the City (2006)
- Dedication of 25+ Acres of Right of Way

- Four free landfill days/year to Commerce City Residents
- Construction of "Welcome to Commerce City" sign at Northbound Tower Rd before E 81st Ave
- \$125,000 Republic Services Grant for Commerce City/Greyhound Park / Empowerment Gardens and landscape Project
- Support and dedication of additional ROW with the **Tower Rd.** widening project (2017)

	Tower Landfill by the Numbers									
338	261	35	1.4M							
Permitted	Acres of permitted	Total landfill	Tons accepted							
acres	footprint used	employees	annually							

\$2.7M **Annual Economic Impact**

\$20M+ Annual host fees since 1999

\$25K Annual household hazardous waste contribution



TOWER LANDFILL ANNEXATION

Compatibility & Impact Mitigation

Why is the project compatible with surrounding land uses?

- The property being annexed is adjacent to the existing landfill.
- Annexation will not create any new uses in the area.
- ✓ There are no other properties between the landfill and E-470.
- ✓ The landfill and E-470 will act as natural buffers (east and west of the annexation property).



WE ARE MITIGATING THE IMPACT

WHAT WE'RE DOING

Relocating the East 88th Avenue entrance onto the annexation property

Recontouring the northern slope of Tower Landfill

Incorporating native vegetation and landscaping

WHAT YOU'LL SEE

A safer intersection with improved traffic conditions

Landfill operations that are less visible to the public

Berms and buffers that help blend the landfill in with the surrounding community

ENVIRONMENTAL AND REGULATORY CONTROLS

- Tower Landfill is regulated by local, state and federal agencies and complies with all permits that ensure safe and responsible operations, including compatibility with the surrounding area.
- Tower Landfill monitors both groundwater and air quality, and submits reports to Commerce City, the Adams County Health Department and the Colorado Department of Public Health and Environment.









02

Application Review

APPLICATION REVIEW ORDER

- 1. Future Land Use Map Amendment
- 2. Annexation
- 3. PUD Zone Document Amendment
- 4. Right-of-Way Vacation



FUTURE TOWER LANDFILL PROPERTY BOUNDARY (PROPOSED)

TOWER LANDFILL (RED) & ANNEXATION PROPERTY (LIGHT BLUE)



TOWER LANDFILL PROPERTY OVERVIEW

• Size: 644 Acres

• Zoned: PUD

City and County:
 Commerce City
 (except for Parcel C)

ANNEXATION PROPERTY OVERVIEW

• Parcel Size: 110 Acres

Parcel Use:

 A-3 (agricultural) with a future land use overlay of Industrial and Commercial

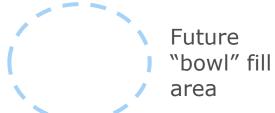
City and County:
 Unincorporated Adams County



TOWER LANDFILL OVERVIEW









STATE & LOCAL APPROVALS

COLORADO DEPARTMENT OF PUBLIC HEALTH & ENVIRONMENT (CDPHE)

- Engineering Design and Operations Plan Review environmental monitoring, reporting, operations, acceptance criteria and construction
 - Technical Review 9 Acre lateral expansion (Bowl Area)
 - o Relocate entrance area ½ mile east along E 88th Ave
- Technical review found that EDOP Application is in compliance with requirements set forth in the Solid Waste Disposal Sites & Facilities Act Title 30 Article 20, parts 1 and 10 Solid Waste Act of the Colorado Revised Statutes (CRS) 6 CCR 1007-2, Part1
- CDPHE determined that Allied Waste Systems of Colorado (Republic Services) can comply with all technical, environmental, and public health standards of the Solid Waste Act
- CDPHE supports the issuance of a revised Certificate of Designation (CD) by Commerce City

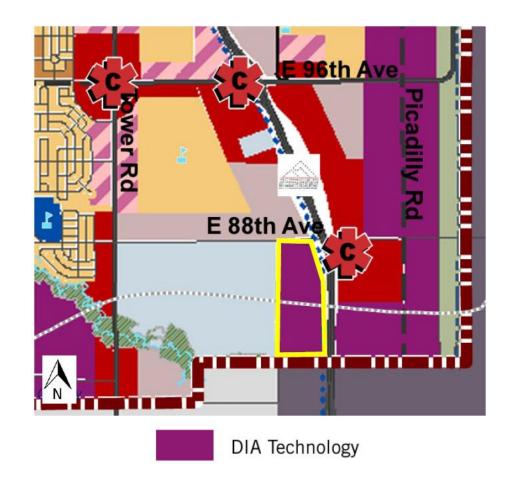
ADAMS COUNTY HEALTH DEPARTMENT (ACHD)

- Intergovernmental Agreement for Oversight Services at Republic Services Tower Landfill between the City of Commerce City and the Adams County Health Department (ACHD)
- ACHD has reviewed the Tower Landfill Engineering Design and Operations Plan, Revision 1 (the "EDOP Rev 1")
- ACHD specifically reviewed significant changes contained in the EDOP Rev 1, focusing on potential issues of local concern
- ACHD concentrated its review on Appendix N (Waste Characterization Plan, Revision 3), Appendix O (Liquid Waste Solidification Plan, Modification No. 1), and Appendix U (Engineering Design and Operations Plan Training Plan)
- ACHD found no issues of concern with any significant changes made to EDOP Rev 1



FUTURE LAND USE MAP AMENDMENT

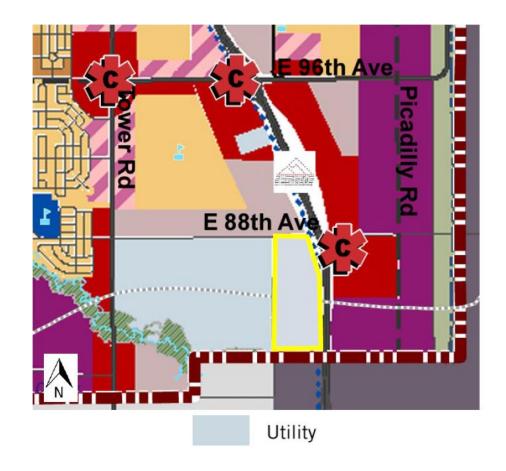
Existing Designation — **DIA Technology**





FUTURE LAND USE MAP AMENDMENT

Proposed Designation – Utility



FUTURE LAND USE MAP AMENDMENT

Approval Criteria

- Consistent with the overall intent of the comprehensive plan
- Consistent with the purpose set forth in Section 21-2100
- Necessary or desirable because of changing social values, new planning concepts, or other social or economic conditions
- Will not have a negative effect on the immediate area
- Will not have a negative effect on the future development of the area
- Will promote the public health, safety and general welfare of the people of the city

APPLICATION REVIEW: ANNEXATION REQUEST

TOWER LANDFILL (RED) & ANNEXATION PROPERTY (LIGHT BLUE)



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City and County:
 Unincorporated Adams County



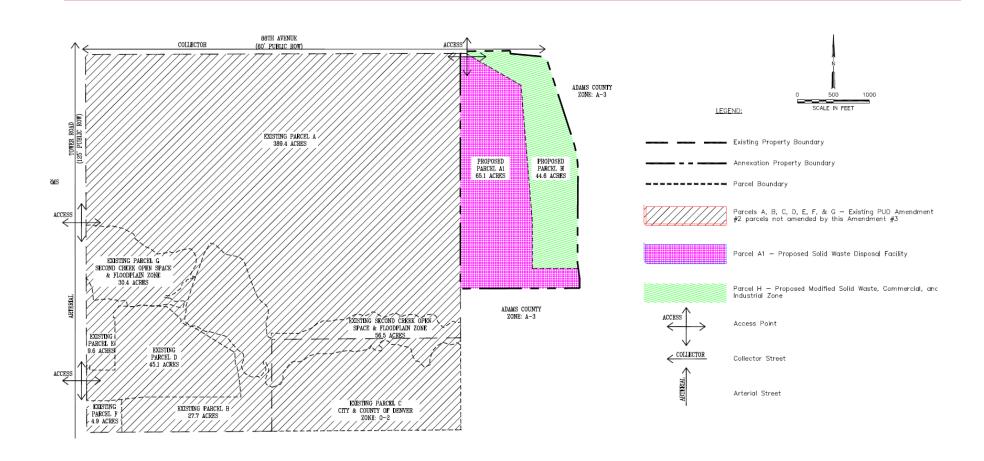
ANNEXATION REQUEST

Approval Criteria

- a) The annexation is in compliance with the Municipal Annexation Act of 1965, as amended, the Constitution of the State of Colorado, and this land development code;
- b) The annexation is consistent with the comprehensive plan and all other adopted city plans and policies;
- c) The best interests of the city would be served by annexation of such property;
- d) The property is within the Municipal Service Area (MSA) of the Commerce City Growth Boundary as stated in the comprehensive plan. No property outside of the MSA or Growth Boundary shall be considered for annexation unless the city council finds that, consistent with the comprehensive plan, the best interests of the city would be served by annexation of such property and provided a land use plan for the area proposed to be annexed is submitted together with the annexation application;
- e) The property is capable of being integrated into the city in compliance with all applicable provisions of this land development code;
- f) At the time any development of the area proposed to be annexed is completed, there is a reasonable likelihood that capacity will exist to adequately serve residents or users of such area with all necessary utilities, municipal services and facilities;
- g) The annexation boundaries are configured such that the annexation will not limit the city's ability to integrate surrounding land into the city or cause variances or exceptions to be granted if the adjacent land is annexed or developed;
- h) The proposed annexation is in compliance with all pertinent intergovernmental agreements to which the City is a party; and
- i) Unless otherwise agreed to by the city, any preexisting vested property rights have been waived in writing as a condition of such annexation.



Annexation Zoning — PUD Zone Document



Annexation Zoning – PUD Zone Document

1. PARCEL A1 — SOLID WASTE DISPOSAL FACILITY										
A. PERMITTED USES										
Solid waste disposal and drop-off site facility	Truck wheel wash facilities									
Berms, borrow and stockpile areas	Refuse container storage									
Monitoring and extraction wells	Organics and recycling operations									
Storage facilities	Landfill gas flaring operations									
Maintenance facilities and fuel storage	Landfill gas extraction recovery operations									

Annexation Zoning – PUD Zone Document

2. PARCEL H — MODIFIED SOLID WASTE & COMMERCIAL ZONE A. PERMITTED USES Truck scales Solid waste disposal and drop-off site facility Truck wheel wash facilities Additional gatehouse and/or lanes Berms, borrow and stockpile areas Solidification facilities Employee locker, lunchroom facilities and mobile office structures Monitoring and extraction wells Storage facilities Refuse container storage Administrative offices Organics and recycling operations Maintenance facilities and fuel storage Landfill gas extraction operations Landfill gas flaring operations Cellular tower pad Renewable energy systems Inert liquid evaporation pond

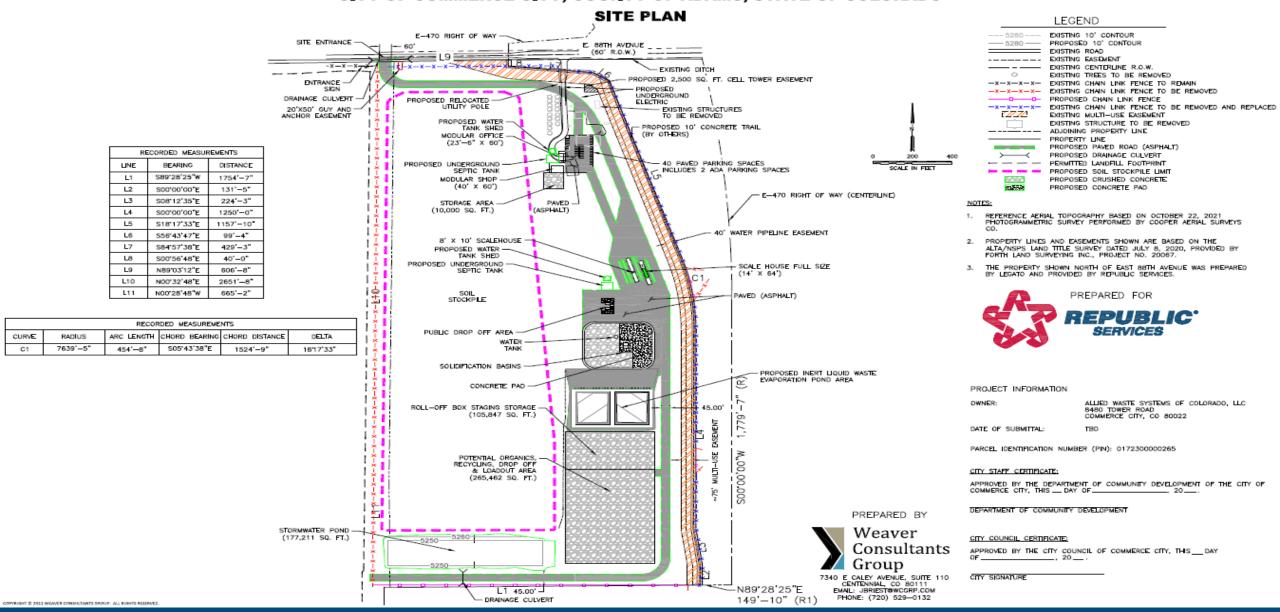
Upon closure of Tower Landfill as determined and approved by the Colorado Department of Public Health and Environment Hazardous Materials and Waste Management Division, the following additional permitted uses and provisions shall apply.

Provisions:

- A. Permitted uses shall be limited to the use byright, conditional uses and use by permit uses and use by permit uses set forth in the C-1, C-2, C-3, or I-1 zone district as designated in the Land Development Code of the City of Commerce City. Uses shall be reviewed to ensure accordance with these regulations.
- B. Bulk requirements shall be determined by the C-1, C-2, C-3, or I-1 zone district as designated in the Land Development Code of the City of Commerce City. Uses shall be reviewed to ensure accordance with these regulations.
- C. The minimum parking ratios will default to the Land Development Code of the City of Commerce City.
- Signage and lighting requirements will default to the Land of Development Code of the City of Commerce City.



A PORTION OF SECTION 26, TOWNSHIP 2 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN CITY OF COMMERCE CITY, COUNTY OF ADAMS, STATE OF COLORADO



ANNEXATION ZONING

PUD Zone Document – Approval Criteria

- The PUD zone document is consistent with the policies and goals of the comprehensive plan, any applicable adopted area plan, or community plan of the city, or reflects conditions that have changed since the adoption of the comprehensive plan;
- The PUD zone document is consistent with any previously reviewed PUD concept schematic;
- The PUD addresses a unique situation, confers a substantial benefit to the city, or incorporates creative site design such that it achieves the purposes set out in section 21-4370 (PUD Zone District) and represents an improvement in quality over what could have been accomplished through strict applications of the otherwise applicable district or development standards. This may include but is not limited to improvements in open space; environmental protection; tree/vegetation preservation; efficient provision of streets, roads, and other utilities and services; unique architecture or design, or increased choice of living and housing environments;
- The PUD complies with all applicable city standards not otherwise modified or waived by the city;



ANNEXATION ZONING

PUD Zone Document – Approval Criteria

- The PUD is integrated and connected with adjacent development through street connections, sidewalks, trails, and similar features;
- To the maximum extent feasible, the proposal mitigates any potential significant adverse impacts on adjacent properties or on the general community;
- Sufficient public safety, transportation, and utility facilities and services are available to serve the subject property, while maintaining sufficient levels of service to existing development;
- h) As applicable, the proposed phasing plan for development of the PUD is rational in terms of available infrastructure, capacity, and financing; and
- The same development could not be accomplished through the use of other techniques, such as height exceptions, variances, or minor modifications.



Himalaya Right of Way Vacation



Himalaya Right of Way Vacation — Approval Criteria

- i. the vacation is consistent with the comprehensive plan and any other applicable city-approved plan;
- ii. the land to be vacated is no longer necessary for the public use and convenience;
- iii. the vacation will not create any landlocked properties;
- iv. the vacation will not render access to any parcel unreasonable or economically prohibitive;
- v. the vacation will not reduce the quality of public services to any parcel of land; and
- vi. a separate plat to replat the vacated area into a larger, usable piece of land has been submitted;



03

Conclusion

CONCLUSION

Tower Landfill has served Commerce City and surrounding communities for nearly 50 years.



Annexing the property into Commerce City will yield several community benefits:

- New intersection to create safer and improved traffic patterns
- Landfill operations less visible to the public
- New landfill entrance to drive truck routes away from residential properties
- Additional reliable, sustainable revenue stream for decades
- Continued partnership between Commerce City and Republic Services
- Longer-term investment in the community

We respectfully request the City Council APPROVE the land use applications



Q&A



Thank You

05 Appendix

PUD ZONE DOCUMENT, AMENDMENT #3

TOWNSHIP 2 SOUTH, PORTION OF SECTIONS 26 & 27, RANGE 66 WEST OF THE 6TH P. M. STATE OF COLORADO, COUNTY OF ADAMS, CITY OF COMMERCE CITY **PUD DESCRIPTION**

The Legal Description and Dedication:
Know of men by these presents that DBC-107S. Lib being the (some, mortgages, lim holder) of that part of the East Half (E)/2) of
Section Testhy-sen (27) and a partie of the Next Hold (17/2) of Section Testhy-sin (28), Toership Two South (T.23), Range
Skry-six West (ELSK) of the Syth Principal Maridian (8th P.M.) City of Commerce City, County of Adams, State of Calardob being more
perfluently described as follows; to self.

THENCE South 00° 32° 43" West a distance of 30.01 feet to a point on the South line of East 88th Avenue, being 30.00 feet Southerly and parallel to the North line of the West Half of said Section 28 and to the POINT OF BEGINNING; THENCE North 89" 03" 19" Fost a distance of 808.65 feet:

THENCE South 84° 57" 33" East a distance of 429.25 feet;

THENCE South 56" 43" 42" East a distance of 99.32 feet;

THENCE South 15" 17" 28" East a distance of 1157.64 feet to a Point of Curvature;

THENCE along the arc of a curve concave to the Southwest a distance of 454.67 feet, sold curve has a Radius of 1424.13 feet, a Delta of 18* 17* 32* and is subtended by a Chard bearing South 08* 42* East a distance of 452.74 feet to a Point of Tancency. THENCE South 00" 00" 05" West a distance of 1250.00 feet;

THENCE South 06" 12" 59" East a distance of 224.07 feet:

THENCE South 89° 25° 39" West along sold Northerly line of the City and County of Denver a distance of 1804.57 feet to the West I of the Southwest Counter of end Section 26°.

THENCE South 89" 30" 54" West a distance of 50.00 feet to a point on a line 50.00 feet Westerly and parallel to the West line of the Southwest Quarter of sa'd Section 26:

THENCE North 00" 29" 06" West along a line being 50.00 feet Westerly of and parallel to the West line of the Southwest Quarter of sold Section 28 a distance of 865.43 feet to a point on a line being 50.00 feet Westerly of and parallel to the West line of the Northwest Quarter of self Section 26".

THENCE North 89" 33" 59" East clong the South line of East 88th Avenue, being 30.00 feet Southerly and parallel to the North line of the East Half of said Section 27 a distance of 50.01 feet to the POINT OF BEGINNING. Containing 4,944,211 sq. ft. or 113.50 acres, more or less (±);

V. Owner(a) Signature and Printed Name

Mortgages or Lien Holder(s) Signature and Printed Name

Ownership Certificate:

being the owner of the property located in the City of Commerce City, County of Adams, State of Colorado does hereby submit this Picnned Unit Development Zone Document and agree to perform under the terms stated herein.

Name and title of responsible person

Deed of Trust Certificate:

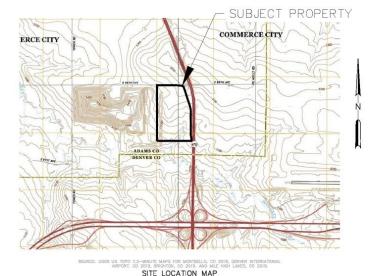
_____being the holder of a deed of trust encumbering the property located in the City of Commerce City, County of Adams, State of Colorado consents to the Planned Unit Development Zone Documents and It's contents.

Name and title of responsible person

The foregoing was acknowledged before me this _____day of _________,AD 20_____

My commission expires

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This amendment includes the addition 109.7 cores ("Annexation Property"), Approximately 65.1 cores will be zoned into Parcel
A1, and 44.6 cores will be included in Parcel H. The total land area for this PUD Zone Document is 28,897,704 square feet of
85.1 cores erres.

N.T.S.

- The Annexction Property is currently zoned to Adoms County as A-3 and through an annexation submitted will be annexed into
 the City of Commerce City as Planned Unit Development.
- This PUD Zone Document Amendment dose not ravies, replace, override, or supersede the Alliad Waste Systems of Colorado, LLC. PUD Zone Document Amendment #2, approved by City of Commerce City, City Council May 18, 2009. Adams County Clerk and Reporting Cartifician Beneaties No. 3 (2000)00(3):436.

	NODE OF DRAWNOS		
SHEET NO.	TILE	REVISION HO.	DAT
1	COVER SHEET	•	11/20
2	PUD DESCRIPTION	•	11/20
3	CONCEPTUAL LAND USE PLAN	0	11/20
4	PROJECT DEVELOPMENT STANDARDS	0	11/20

City Approval:

Approved of the Commerce City Planning Commission: Approved this__day of _____, AD 20____

Approval of the City Council of the City of Commerce City: Approved this ___dcy of ____, AD 20





PUD ZONE DOCUMENT, AMENDMENT #3

TOWNSHIP 2 SOUTH, PORTION OF SECTIONS 26 & 27, RANGE 66 WEST OF THE 6TH P. M. STATE OF COLORADO, COUNTY OF ADAMS, CITY OF COMMERCE CITY **PUD DESCRIPTION**

Project Intent:

The intent of this Planned Unit Development (PUD) Amendment is to expand the footprint of the PUD to encompass the annexation property The annexation is be divided into two new use Parcels. Parcel A1 will allow a relocation of the south entrance from E. 88th Avenue, ancillary uses, solid waste disposal facility operations, and certain services and facilities from their current location to a new location on the Annexation Property and the creation of Parcel H, which will permit ancillary landfill uses as well as future commercial and industrial uses upon the closure of Tower Landfill. Such relocation will improve the traffic flow in the area. The new Tower Landfill entrance will align with the future Himalaya Parkway intersection on E. 88th Avenue, which will integrate and safely provide for the traffic generated by different uses. The PUD Amendment will not contain any residential uses and the annexation property does not have any unique or significant existing natural features.

Unique Features:

There are no known significant natural features such as large trees, specialized vegetation, floodways, or wildlife habitat within the site. Allied Waste submitted an Environmental Assessment as part of the Engineering Design and Operations Plan Revision 1 documenting environmental findings surrounding the property.

Existing Amenities:

The Annexation Property is currently being utilized as agricultural land. Existing structures will be removed.

Existing Challenges:

The land between the existing Parcel A and the Annexation Property has a dedicated right of way that will be vacated. This will be addressed with the City of Commerce City for the right of way is not included in the City of Commerce City C3 Vision Comprehensive Plan (the "Comprehensive

Project Phasing:

The project will be completed in one phase. No Phasing Plan is proposed.

Comprehensive Plan Goals and Policies:

The Annexation Property is located within Commerce City's intergovernmental agreement (IGA) Growth Boundary and the Application is consistent with the Comprehensive Plan. Specifically, the Annexation Property is located in the "#10 DIA Gateway District" Character Area of the Commerce City 2045 Comprehensive Plan. The DIA Gateway District identifies "Utility" as a permitted Primary Land Use and therefore, the PUD Amendment is consistent with the future land use designation for the Annexation Property. The Annexation Property will enhance and extend the employment opportunities available at Tower Landfill. Secondly, the Annexation Property will provide for solid waste disposal infrastructure to allow for continued economic growth of Commerce City. Additionally, the project meets the buffering goals from Tower Road Landfill identified in the Tower Road/High Plains Parkway corridor subarce, because the expansion onto the Annexation Property will enable Allied Waste to re-contour the northern slope of the Tower Landfill, which will result in re-contour the normern slope of the lower Landmil, which will result in operations that are less visible to future residential and commercial development to the north and west of the site, but will not increase the maximum currently permitted height of the landfill. Lostly, expanding the Tower Landfill to the east onto the Annexation Property will result in the Tower Landfill being a standalone use between Tower Road and E-470: thus, preventing other potentially incompatible land uses the Annexation Property, which is adjacent to the existing Tower Landfill, E-470 will act

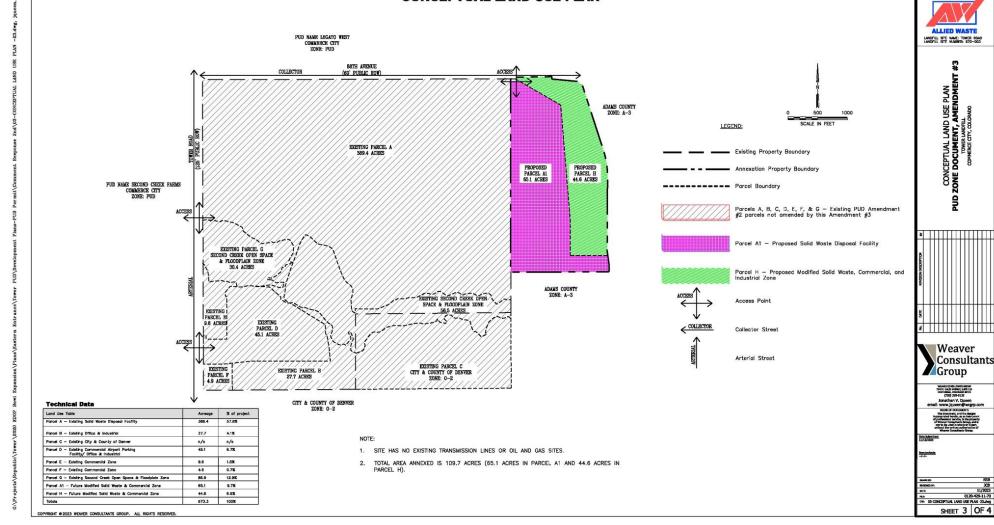


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PUD ZONE DOCUMENT, AMENDMENT #3

TOWNSHIP 2 SOUTH, PORTION OF SECTIONS 26 & 27, RANGE 66 WEST OF THE 6TH P. M. STATE OF COLORADO, COUNTY OF ADAMS, CITY OF COMMERCE CITY **CONCEPTUAL LAND USE PLAN**





PROPERTY OWNER

PUD ZONE DOCUMENT, AMENDMENT #3

TOWNSHIP 2 SOUTH, PORTION OF SECTIONS 26 & 27, RANGE 66 WEST OF THE 6TH P. M. STATE OF COLORADO, COUNTY OF ADAMS, CITY OF COMMERCE CITY PROJECT DEVELOPMENT STANDARDS

1. Parcel A1 - Solid Waste Disposal Facility

Truck wheel wash facilities
Refuse container storage
Organics and recycling operations
Landfill gas floring operations
Landfill gas extraction recovery operations

B. Additional Provisions:

A sture request to permit disposed of londfill meterfol on the Annexation Property may only be opproved by Diffy Council (Expension Request). The Expension Request would permit the disposal of londfill material within the Porcel A1 portion of the Annexation Property ("Expension Request Arec"), personn to 8 CCR 1007-2 Port 1 - Regulations Pertaining to Sold Weste State and Facilities.

City Council shall approve on Expansion Request if such Expansion Request meets the following approval

- 1. The Expansion Request Area is a minimum of 50 feet south of the centerline of E 88th Avenue; 2. The sits entrance to the Annexation Property is between the Expansion Request Area and E 88th
- 3. The Expansion Request Area is a minimum of 450 feet from E-470
- 4. The ancillary landfill uses are between the Expansion Request Area and E-470;
- The Expansion Request has visual screening in the form of landscaping, such as berms and trees, between the Expansion Request Area and E 68th Avenue and E-470;
- 6. All Expansion Request Area boundary slopes are vegetated;
- The Expansion Request monitors and regulates dust in accordance with the operator's Title V
 Operating Permit issued by the Colorado Department of Public Health and Environment;
- 8. All activity conducted on the Expansion Request Area shall comply with the City's unreasonable noise
- 10. Access to the Annexotion Property is consistent with the traffic impact study,
- 11. The applicant provided notice to Deriver international Airport and the Federal Aviation Administration 12. No oil and gas operations are currently existing and will not be permitted on the surface or within 1,000 feet below the surface of the Annexation Property.
- 13. The Expansion Request complies with a revised Engineering Design and Operations Plan approved by the Colorado Desartment of Public Health and Environment:
- 14. The Expansion Request either (c) does not include property located within the boundaries of any 100-year floodplain; or (b) does not restrict 100-year flood flow, reduce the temporary water storage capacity of the floodplain, or result in solid waste washout that poses a hazard to human health or the environment;
- 15. The Expansion Request Area either (a) is not located in wetlands; or (b) has demonstrated that the proposed operations can meet restrictions set forth in 40 CFR 258 12;
- 16. The Expansion Request Area is not subject to active geologic conditions that would odversely impact the development of a londfill in occordance with the applicable Code of Colorade Regulations Pertaining to Solid Woods Disposal Stree and Facilities.
- 17. The Exponelor Request will not place works below or into surface water or groundeater; and

2. Parcel H - Modified Solid Waste & Commercial Zone

Solid waste and drop off site and facility	Truck scales				
	Truck wheel wash facilities				
Berms, borrow and stockpile creas	Additional gatehouse and/or lanes				
Solidification facilities	Employee locker, lunchroom facilities and mobile office structures				
Monitoring and extraction wells	focilities and mobile office structures				
Storage facilities	Refuse container storage				
Administrative offices	Organics and recycling operations				
Mointenance facilities and fuel storage	Landfill gas extraction operations				
Londfill gas flaring operations	Cellular tower pad				
Renewable energy systems	Inert Sould evaporation pond				

Upon closure of Tower Londfill as determined and approved by the Colorado Department of Public Health and Environment Hazardous Materidas and Waste Management Division, the following additional permitted uses and provisions shall adoly.

- A. Permitted uses shall be limited to the use by-right, conditional uses and use by permit uses and use by permit uses and forth in the C-1, C-2, C-3, or i-1 zone district as designated in the Land Development Code of the City of Commerce City. Uses shall be reviewed to exper accordance with these resultations.
- C. The minimum parking ratios will default to the Land Development Code of the City of Commerce City. D. Signage and lighting requirements will default to the Land Development Code of the City of Commerce

3. Additional Dedication Criteria

A. Prior to the find cleave of the lovefil in Percel AI, developer that open to a poble access element

between that are consistent with maintenance of the first
landfill cop, and shall include trails, recreation, open-ration points, and other mutually agreed upon public

B. The City shall make its best efforts to negotiote on hierim/temporary Second Creek trail alignment to the southern boundaries of the property owned by the City and Country of Brenner, adjacent to the southern boundaries of the property preser by Vendegor in Proceeds B and C. If or und adjacent within the property request of Commerce City on Interin/temporary alignment along the southern portions of Parcel B and C, and using the southern portion of Parcel B.

D. The parcel acreage in the land use table may be administratively modified by 15% without PUD Zone Document approval.

General Project Notes:

- A. For conditions not addressed in this PUD, developers shall default to the LDC.
- B. Access is subject to approval by Public Works.
- C. Drainage is subject to approval by Public Works unless otherwise approved by the Colorado Department of Health and
- D. Public street cross-sections shall default to the city's standard street cross-sections.
- E. A "Redevelopment Plan" will be submitted 5 years in advance of closing the landfill. This Redevelopment Plan will outline how the property will be used after closing Tower Landfill.

DefinitionsThe following is a list of definitions specific to the Allied Waste Systems of Colorado, LLC PUD Zone

Berms, Borrow and Stockpile Area is defined as clean solis that will be excavated on-site, accumulated and stored for short-term, long-term or permanent use as cover material to the landfill.

Disposal of Landfill Material are materials or wastes defined in 6 CCR 1007-2 Part 1 - Regulations Pertaining to Solid Waste Sites and Facilities and accepted for landfilling.

Inert Liquid Evoporation Pond is a waste management structure where inert liquids are placed for disposal

Landfill Gas Extraction Recovery Operations consists of the infrastructure required for the collection and transmission of landfill gas generated through the decomposition of organics in saild waste.

Londfill Gas Floring Operations is the infrastructure of wells, pipes, blowers and flores related to the destruction of landfill gas as conveyed through landfill gas extraction recovery operations.

Maintenance and Fuel Storage is defined as the intreatructure and related supporting operations including but not limited to maintenance and fuel storage used for both on-road and off-road equipment necessary in the support of londfill operations.

Monitoring and Extraction Wells is the infrastructure used in the monitoring of various metrics for a landfil's performance with regards to groundwater and landfill gas collection and migration.

Organic and Recycling Operations relates to the storage and processing of organics into a soil amendment, white recycling operations includes the storage and processing activities used for the diversion and rause of malerisals from the lendfill in an effect to protein see products or resolute the need for one molerisals. From one molerisals from the confluence of the processing operations but will provide collection and transportation to a compact or recycling facility.

Refuse Collection Container Storage is a storage area dedicated to the storage of containers used for the collection, transportation, and disposal of refuse and or recyclobies.

Solidification Facilities is the infrastructure and related operations to store, process and convert a non-hazardous liquid or semi-liquid waste into a solid form for disposal into the landfill.

Truck Scales are weighing devices designed to measure the weight of vehicles, primarily trucks, for properly tracking volume, weight, and fees associated with incoming and outgoing materials.

Land Use Table				35	e) 3	Si 7/	75 ×		0	30	,	10	× =	32	v - v	y :	59 g			
Parcel	Use	Gross Size (acres)	Percent of Total (Gross)	Net Size (acres)	Percent of Total (Net)	Minimum Building Height (feet)	Maximum Building Height (feet)	Maximum Developed Height (amsi)	Minimum ROW Setback for Arterial (feet)	Minimum Setback from Private Collector (feet)	Minimum Lot Frontage (feet)	Minimum Front Setback (feet)		Minimum Side Setback (feet)	Minimum Rear Setback (feet)	Minimum Building or Unit Size, if applicable (square feet)	Minimum Lot Size (acre)	Minimum Floor Area Ratio	Maximum Area of Outdoor Storage or Large Vehicle Parking	Maximum Building Coverage
A1	Solid Waste Disposal Facility	65.1	59.3%	65.1	63.0%	N/A	N/A	5,535 (amsl)	20	20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.5:1	40%	10%
н	Modified Solid Waste & Commercial Zone	44.6	40.7%	38.2	37.0%	15	50	N/A	20	20	70	10	25	10	20	N/A	0.184	0.5:1	40%	50%
	Total (Gross)	109.7	100.0%	N/A	N/A															
	Total (Net - minus easements, flood plain, roads, etc.)	103.3	N/A		100.0%															

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PROPERTY OWNER

ALLIED WASTE

LANDFILL SITE NAME: TOWER ROAD LANDFILL SITE NUMBER: 570-003

PROJECT DEVELOPMENT STANDARDS
UD ZONE DOCUMENT, AMENDMENT
TOWRS LINKTEL
COMMERCE OTT, COLORDO

■Weaver

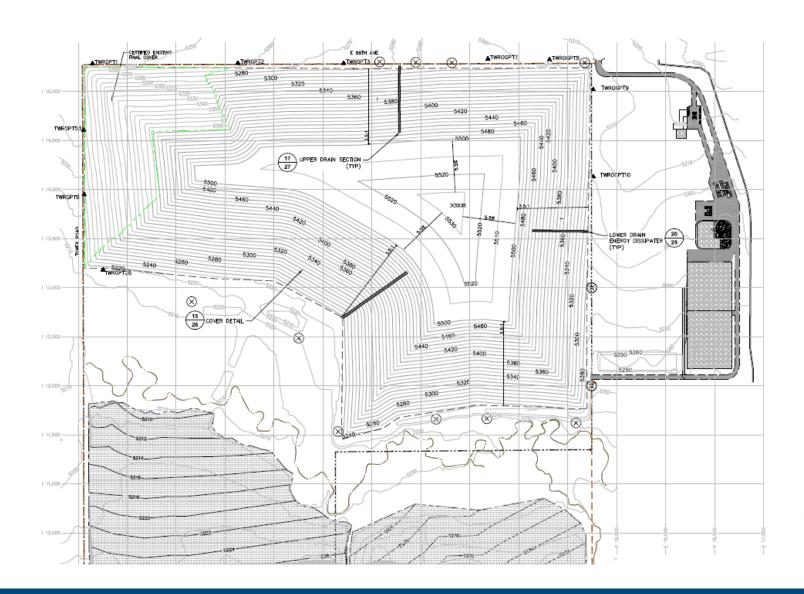
Group

Consultants

ANTICIPATED FUTURE CONTRIBUTIONS

Annual Va	lues								
Ailliaal Va	iucs								
		Franchise/ Muni Fees on	Sponsorship of HHW Round-	"Free" Landfill	Existing Property Tax	Future Fullenwider Property Tax	Total	Sales/Use Tax @ 4.5% on	Total Annual
	Host Fees	CC volume	up	Days	"Real"	(110 acres)	Property Tax	\$1M/yr avg	Benefit to CC
Actuals									_
2019	\$1,278,344	\$0	\$25,000	\$83,000	\$708,957		\$708,957	\$45,000	\$2,140,300
2020	\$1,116,719	\$29,191	\$25,000	\$196,000	\$709,239		\$709,239	\$45,000	\$2,121,149
2021	\$1,143,742	\$31,429	\$25,000	\$192,800	\$565,031		\$565,031	\$45,000	\$2,003,003
2022	\$1,194,076	\$30,818	\$25,000	\$207,020	\$653,493		\$653,493	\$45,000	\$2,155,407
2023	\$1,390,429	\$34,339	\$25,000	\$221,328	\$725,560		\$725,560	\$45,000	\$2,441,656
Projected									
2024	\$1,574,214	\$39,314	\$25,000	\$250,000	\$741,000		\$741,000	\$45,000	\$2,674,528
2025	\$1,763,350	\$42,066	\$25,000	\$266,000	\$763,230	\$61,233	\$824,463	\$45,000	\$2,965,879
2026	\$1,975,469	\$45,011	\$25,000	\$286,000	\$786,127	\$63,070	\$849,197	\$45,000	\$3,225,677
2027	\$2,213,384	\$48,161	\$25,000	\$306,000	\$809,711	\$64,962	\$874,673	\$45,000	\$3,512,219
2028	\$2,480,252	\$51,533	\$25,000	\$328,000	\$834,002	\$66,911	\$900,913	\$45,000	\$3,830,698
2029	\$2,779,617	\$55,140	\$25,000	\$350,000	\$859,022	\$68,919	\$927,941	\$45,000	\$4,182,697
2030	\$3,115,460	\$59,000	\$25,000	\$374,000	\$884,793	\$70,986	\$955,779	\$45,000	\$4,574,239
2031	\$3,492,252	\$63,130	\$25,000	\$400,000	\$911,337	\$73,116	\$984,452	\$45,000	\$5,009,834
2032	\$3,915,012	\$67,549	\$25,000	\$428,000	\$938,677	\$75,309	\$1,013,986	\$45,000	\$5,494,547
2033	\$4,389,378	\$72,277	\$25,000	\$458,000	\$966,837	\$77,569	\$1,044,405	\$45,000	\$6,034,060
2034	\$4,921,678	\$77,336	\$25,000	\$490,000	\$995,842	\$79,896	\$1,075,738	\$45,000	\$6,634,752
2035	\$5,219,352	\$79,657	\$25,000	\$506,000	\$1,025,717	\$82,292	\$1,108,010	\$45,000	\$6,983,018
2036	\$5,535,050	\$82,046	\$25,000	\$520,000	\$1,056,489	\$84,761	\$1,141,250	\$45,000	\$7,348,346
2037	\$5,869,864	\$84,508	\$25,000	\$536,000	\$1,088,183	\$87,304	\$1,175,488	\$45,000	\$7,735,859
2038	\$6,224,954	\$87,043	\$25,000	\$552,000	\$1,120,829	\$89,923	\$1,210,752	\$45,000	\$8,144,749
2039	\$6,601,548	\$89,654	\$25,000	\$570,000	\$1,154,454	\$92,621	\$1,247,075	\$45,000	\$8,578,277
2040	\$7,000,950	\$92,344	\$25,000	\$586,000	\$1,189,087	\$95,400	\$1,284,487	\$45,000	\$9,033,781

FUTURE LANDFILL GRADING PLAN



COMMUNITY BENEFITS:

- Relocate entrance from 88th
 Ave to annexed property,
 minimizing truck traffic & creating safer intersection
- Generate ~\$10M in new revenue (host & franchise fees) to Commerce City
- Landfill operations less visible to future residential and commercial development
- Extend Canopy Parking lease
- Work with Commerce City on future sustainability and diversion plans



CDPHE LETTER OF RECOMMENDATION



Via Electronic Mail, c/o Sarah Foreman: sarah.foreman@state.co.us

October 18, 2023

Commerce City Council 7887 East 60th Avenue Commerce City, CO 80022

Recommendation for Approval of Certificate of Designation Application - Engineering Design and Operations Plan Revision 1 Tower Landfill - Allied Waste Systems of Colorado, LLC (Republic Services) Commerce City, Colorado CDPHERM HAZ SW / Permitting / ADM19

Honorable Council Members:

This letter is the formal response from the Colorado Department of Public Health and Environment (CDPHE or Department) Hazardous Materials and Waste Management Division (the Division) regarding Commerce City's referral for technical review of an application for a certificate of designation as identified below.

"Engineering Design and Operations Plan - Revision 1;" prepared for Allied Waste Systems of Colorado, LLC (Allied); prepared by Weaver Consultants Group. (Weaver); dated August 24, 2023; herein referred to as the "EDOP" or "application."

The owner and operator, Allied, is proposing a 9-acre lateral expansion to the existing 338-acre landfill footprint, which requires the reissuance of the certificate of designation. The proposed lateral expansion would provide an additional 5.5 million cubic yards of disposal capacity for the landfill. The facility is also proposing to relocate the facility site entrance approximately 1/2 mile east along 88th Avenue and relocate its solidification basins to the same location.

The Division conducted a comprehensive technical review of the EDOP to determine its compliance with the requirements set forth in the Solid Waste Disposal Sites and Facilities Act, Title 30, Article 20, parts 1 and 10 (the Solid Waste Act) of the Colorado Revised Statutes (CRS), as amended, and with the regulations promulgated thereunder: the Regulations Pertaining to Solid Waste Sites and Facilities, 6 CCR 1007-2, Part 1 (the Solid Waste Regulations).

It is the determination of the Division that Allied, as the owner and operator of the facility, can comply with technical, environmental, and public health standards of the Solid Waste Act and the Solid Waste Regulations if the Facility is constructed, operated, monitored and maintained as described in the EDOP and with the Division's conditions of recommendation as stated below. Based on the Division's review and determination, the Division recommends, with conditions, that Commerce City may approve the revisions to Tower Landfill based on these and any local criteria.

The Division's recommendation for approval of the application including the final revised EDOP, dated August 24, 2023, has the following conditions that must be incorporated into the Certificate of Designation, if issued by Commerce City:

1. In accordance with Section 4 of the Solid Waste Regulations, revised third party financial assurance cost estimates for closure and post closure care (financial assurance cost estimate) must be submitted to the Division within sixty (60) days of the issuance of the certificate of designation (the CD). Once the Division approves the financial assurance estimates, the Facility will have thirty

> 4300 Cherry Creek Drive S., Denver, CO 80246-1530 P 303-692-2000 www.oolorado.gov/odphe Jared Polis, Governor | Jill Hunsaker Ryan, MPH, Executive Director



(30) days to submit a financial assurance mechanism for review and approval. The financial assurance mechanism must be in-place and approved by the Division before the start of construction of the Facility. Pursuant to Section 4 of the Solid Waste Regulations, Allied must adjust financial assurance cost estimate annually to account for inflation or deflation by using the implicit price deflator for the gross domestic product. Additionally, the Facility must replace the original cost estimate every five (5) years unless otherwise required by the Division.

- 2. Compliance with this CD requires Allied to comply with the EDOP and any future Departmentapproved EDOP conditions, including both Department approved revisions or additions to the EDOP and stand-alone plans necessary to comply with the Solid Waste Act and Regulations, Noncompliance of the EDOP as revised constitutes a violation of this CD. This CD need not be necessarily amended upon EDOP amendment unless required by the local governing authority. CDPHE reserves the right to make unilateral modifications to the EDOP language and conditions at any time during the life of the facility, including during the post-closure care period. CDPHE will attempt to consult with Commerce City prior to doing so.
- 3. In addition to complying with the Division's Solid Waste Regulations, the facility must comply with all relevant federal, state, and local regulations, including but not limited to the appropriate requirements of the Division of Water Resources, the Water Quality Control Division, and the Air Pollution Control Division

Please also note that provisions of the Solid Waste Act found at CRS 30-20-104 reserve certain factors for consideration solely by the local governing authority as part of the review of a certificate of designation application. Accordingly, the Division's review is not intended to, nor did it consider those local land use provisions, CRS 30-20-104 also warrants careful consideration by the local governing authority as it contains key procedural requirements for the issuance of a certificate of designation related to the timing of public notice and the public hearing.

If Commerce City approves the application, the final EDOP, and the issued certificate of designation or resolution containing the certificate of designation, must be placed in the Facility's operating record. Please provide a copy of any decision by Commerce City to the undersigned.

The Division is authorized to bill for its review of technical submittals at a rate of \$125 per hour in accordance with Section 1.7 of the Regulations. An invoice for the Division's review of the abovereferenced document will be transmitted to Allied under separate cover.

Should you have any questions about this recommendation or the conditions or if you would like to discuss the application, feel free to contact me at 303-692-3316 or sarah,foreman@state.co.us-

Sincerely,

Digitally signed by Sarah Such Journan Bate: 2023.10.18 Sarah Foreman, PE

Solid Waste Permitting **Engineering Design Unit** Solid Waste and Materials Management Program Hazardous Materials and Waste Management Division

Jill Parisi, PE Solid Waste Permitting Engineering Design Unit Leader Solid Waste and Materials Management Program Hazardous Materials and Waste Management Division

Digitally signed by Jill

Perisi Date: 2023.10.18

ec: Vittoria Zucchelli, EIT - Republic Services Dalton Guerra - Commerce City Community Development Jennifer Reynolds - CDPHE Solid Waste Compliance Assurance Unit Larry Bruskin, PE - Adams County Health Department John Briest, PE - Weaver Consultants Group Steve Derus - Republic Services





ADAMS COUNTY REVIEW LETTER



Adams County Health Department

Environmental Health 7190 Colorado Blvd. Commerce City, CO 80022 303.288.6816 adamscountyhealthdepartment.org

October 10, 2023

Ms. Rosemarie Russo City of Commerce City Energy, Equity, and Environmental Division 7887 East 60th Avenue Commerce City, CO 80022

Adams County Health Department Review of Tower Landfill Engineering Design and Operations Plan, Revision 1, August 24, 2023

Dear Ms. Russo:

Consistent with the Intergovernmental Agreement for Oversight Services at Republic Services Tower Landfill between the City of Commerce City and the Adams County Health Department (ACHD), ACHD has reviewed the Tower Landfill Engineering Design and Operations Plan, Revision 1 (the "EDOP Rev 1"), dated August 24, 2023. The EDOP Rev 1 was prepared for Republic Services by Weaver Consultants Group and was signed and sealed by a Colorado registered Professional Engineer. The EDOP Rev 1 is currently out for public review through October 13, 2023.

The EDOP Rev 1 was prepared to support Republic Services current request to annex land east of the existing facility and relocate the site entrance, including the entrance gate, scales, scale house, and liquid solidification basin in the newly annexed area. The existing entrance "bowl" area would then be lined for use as a disposal cell and brought up to the surrounding grades with waste.

ACHD specifically reviewed significant changes that were contained in the EDOP Rev 1, focusing on issues that would be of local concern. To this end, ACHD concentrated the review on Appendix N (Waste Characterization Plan, Revision 3), Appendix O (Liquid Waste Solidification Plan, Modification No. 1), and Appendix U (Engineering Design and Operations Plan Training Plan). Based on this review, ACHD has found no issues of concern with any significant changes made to EDOP Rev 1.

Should you have any questions regarding this letter, I may be reached at 720-200-1481 or email at Ibruskin@adcogov.org.

Sincerely,

Larry Bruskin

Larry Bruskin, P.E.

Keith Homersham, ACHD



ADAMS COUNTY INSPECTION - JUNE 2024



Adams County Health Department **Environmental Health**

7190 Colorado Blvd. Commerce City, CO 80022 303.288.6816 adamscountyhealthdepartment.org

June 27, 2024

Ms. Rosemarie Russo City of Commerce City Energy, Equity and Environmental Division 7887 East 60th Avenue Commerce City, CO 80022

RE: June 2024 Full Scope Site Inspection at Tower Landfill, Commerce City, Colorado

Dear Ms. Russo,

On June 24, 2024, Larry Bruskin, P.E. and Mike Weakley from the Adams County Health Department (ACHD) conducted a full scope site inspection at the Tower Landfill, located at 8480 Tower Road in Commerce City, Colorado. The inspection was performed in accordance with the Intergovernmental Agreement for Oversight Services at Republic Services Tower Landfill (the "Intergovernmental Agreement") between ACHD and the City of Commerce City, executed on May 9, 2023.

Results of the inspection indicate that the facility's operations were in general compliance with the facility's approved operational procedures at the time of the inspection. The inspection is more fully described in the attached inspection report.

Should you have any questions or concerns regarding the attached report, I can be contacted by email at Ibruskin@adcogov.org or by phone at 720-200-1481.

Sincerely,

Larry Bruskin

Larry Bruskin, P.E. Adams County Health Department Environmental Health Division

ec: Steve Derus, Republic Services Vittoria Zucchelli, Republic Services Emily Herrmann, Republic Services Daniel Bargmann, Republic Services Jennifer Reynolds, CDPHE/HMWMD Mike Weakley, ACHD



RENDERINGS

Looking south from 96th Ave

(LOCATION 4)





RENDERINGS

Looking south from 96th Ave

(LOCATION 5)



