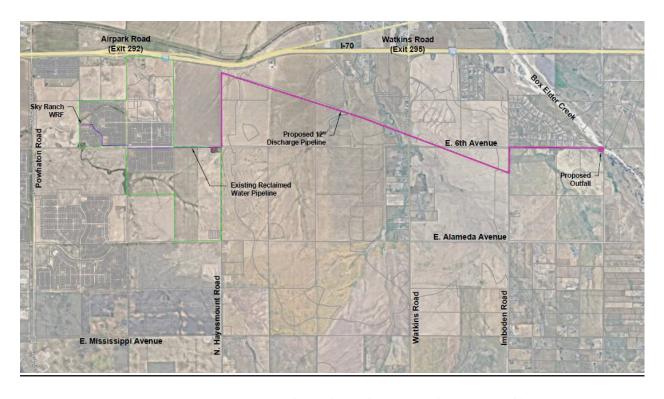
SUBJECT: CASE NO. LE25-002 BOX ELDER DISCHARGE PIPELINE – LOCATION AND EXTENT

KAT HAMMER, SENIOR PLANNER

LOCATION AND VICINITY MAP

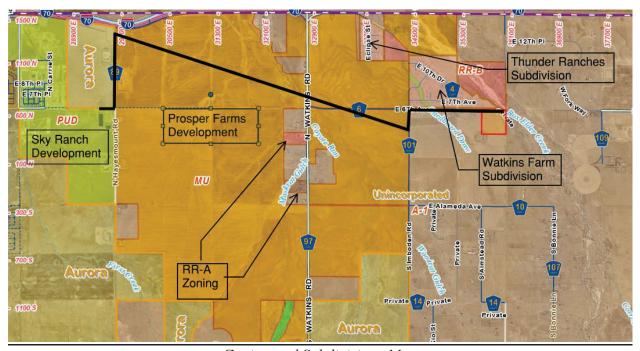
The proposed pipeline alignment will be constructed within a mix of private easements and Arapahoe County right-of-way (ROW). Generally, the alignment runs north along the Hayesmount Road ROW, follows an existing northwest-southeast oil and gas corridor, then proceeds north along Imboden Road ROW. From there it continues east through the 6th Avenue ROW until intersecting with Box Elder Creek. The proposed outfall is located on parcel 1979-00-0-00-133.



Vicinity Map (Proposed Pipeline Alignment Shown in Pink)

ADJACENT SUBDIVISIONS, ZONING AND LAND USE

Much of the surrounding land along the pipeline route is the Prosper Farms Development (Case No. P16-022), which allows for single-family detached residential uses, a school, a community center and other non-residential uses. The Watkins Farm, Thunder Ranches and Sky Ranch Subdivisions are also near the proposed alignment of the pipeline and the outfall. The adjacent zoning is primarily Mixed-Use (MU) and Agricultural-1 (A-1). There are a few pockets of parcels zoned Rural Residential A and B (RR-A and RR-B) near the proposed alignment of the pipeline and the outfall. The existing land uses are primarily agricultural and single-family residences.



Zoning and Subdivisions Map

PURPOSE AND REQUEST

Pure Cycle Corporation on behalf of Rangeview Metropolitan District is requesting approval of a Location and Extent application for a new reclaimed water pipeline and discharge outfall from the Sky Ranch Wastewater Reclamation Facility (WRF). This line will extend from existing reclaimed lines in the Sky Ranch development east to Box Elder Creek. The proposed pipeline alignment will be constructed within a mix of private easements and Arapahoe County right-of-way (ROW). The construction of this line is needed to allow for operational flexibility of the reclaimed water produced by the Sky Ranch WRF as the community grows. Treated wastewater from the WRF has historically been used to irrigate parks and open space within the Sky Ranch development; however, storage capacity is limited and there are times of the year when the supply of water exceeds irrigation demands. This project will allow excess reclaimed water to be released to Box Elder Creek. The applicant states that any discharged water released to Box Elder Creek will be highly treated and exceed the stringent water quality requirements set forth by the Colorado Department of Public Health and Environment (CDPHE).

The proposed pipeline will be a 12-inch High Density Polyethylene line buried a minimum of six feet below grade. Directional boring will be utilized to cross beneath roadways and floodplains. A concrete headwall and duckbill check valve will be installed at the pipe outfall in the Box Elder Creek bank. The headwall will be securely installed in the channel bank, and riprap will be applied to the bank to prevent future floods from scouring the bank around the outfall. Riprap will also be installed below the outfall to dissipate energy from reclaimed water discharges and eliminate artificial erosion of the stream bed. A buried manhole will be constructed just upstream of the outfall containing a pressure sustaining/flow control valve, sampling station and butterfly valve. This manhole will be used for temporary monitoring of water quality and pressure regulation of the outfall.

BACKGROUND

The Sky Ranch 1041 for Water and Wastewater (Case No. ASI16-005) was approved by the Board of County Commissioners on October 3, 2017 (Resolution No. 170516). A Technical Review Amendment (Case No. AA24-014) was approved by staff on May 13, 2025. The purpose of the Technical Amendment was to allow for the construction of additional infrastructure and access to Rangeview's water rights on Box Elder Creek and transfer water to a proposed water treatment plant that was illustrated in the original 1041 permit.

Significant infrastructure has been constructed by Rangeview across the central portion of Arapahoe County, roughly between South Gun Club Road and South Manila Road, to help support the water needs of the Sky Ranch Planned Unit Development (PUD). These facilities include the Sky Ranch Water Reclamation Facility, Sky Ranch Water Supply Facility, Box Elder Creek Well Field, Sky Ranch and Lowry Storage Ponds, and numerous groundwater wells and pipelines. These facilities have met the water needs for the initial phases of Sky Ranch through the platting of Filing 6; however, as the community expands, additional infrastructure must be constructed to meet the associated water and wastewater demands. The proposed facilities serve Sky Ranch and will not serve growth outside that development.

NEIGHBORHOOD OUTREACH

The applicant held a community open house for all Watkins Farms and Thunder Ranch residents on February 25, 2025. The meeting was held at Pure Cycle's offices and ran from 6:30 to 8:00 pm. Six individuals attended the open house, and no one joined virtually. Four of the six individuals lived in the Watkins Farms Subdivision, residing in two different homes. The other two attendees were a rancher to the east of Box Elder Creek and a resident who lived near 6th Avenue and Watkins Road. No one from the Thunder Ranch Subdivision attended the meeting. The group topics of concerns and major questions discussed during the meeting are summarized below and further explained in Attachment A.

- Discharge Basin Selection Criteria The attendees were curious about why the applicant was discharging to Box Elder Creek instead of to other drainage basins closer to the Sky Ranch Development.
 - The discharged water will be used as an augmentation supply for Rangeview's upstream water rights, and the outfall needs to be placed in a drainage basin that flows to Box Elder Creek upstream of other senior water rights holders, allowing the applicant to expand their renewable water portfolio in Arapahoe County.

- Pipeline Alignment Attendees asked why the applicant would spend the extra capital to construct the pipeline in its proposed configuration in the oil and gas corridor instead of running straight from the Sky Ranch Development to Box Elder Creek, paralleling the 6th Avenue ROW.
 - The alignment is a result of the complexities and differences between the Prosper Development proposed alignment of 6th Avenue ROW and the existing 6th Avenue ROW. Additionally, placing the pipeline in the oil and gas corridor does not encumber the Prosper Development land and provides security for Rangeview's infrastructure in the future.
- Discharge Wastewater Quality Residents in the Watkins Farms Subdivision were concerned about the treated wastewater quality that would be discharged to Box Elder Creek.
 - o CDPHE requires extensive water quality testing prior to discharge to Box Elder Creek.
- Flood Discussion One resident present at the meeting was very concerned that the discharges into Box Elder Creek would exacerbate flood issues in the Watkins Farm Subdivision. The applicant also received concerns about this from a resident who did not attend the open house.
 - The Watkins Farm Subdivision abuts the Cardboard Draw drainage basin, which had a flooding event in 2024 due to an isolated high intensity rainfall event that led to high water levels that were close to overtopping a couple box culverts near residential structures. The applicant is proposing to discharge to a different drainage basin (Box Elder Creek not Cardboard Draw). Additionally, Rangeview plans to construct two additional diversions, one at Quincy Avenue and one at County Line Road. The applicant has indicated they intend to submit an application to the county for the Quincy Avenue diversion within the next few months. The applicant also intends to construct two reservoirs, west of Box Elder Creek and east of the Aurora Reservoir, as depicted in the latest amendment to the Sky Ranch 1041 application. The planned reservoirs are likely a decade out, and the applicant plans to construct the County Line diversion after both reservoirs are constructed. These projects will act as flood mitigation within Box Elder Creek in the future.



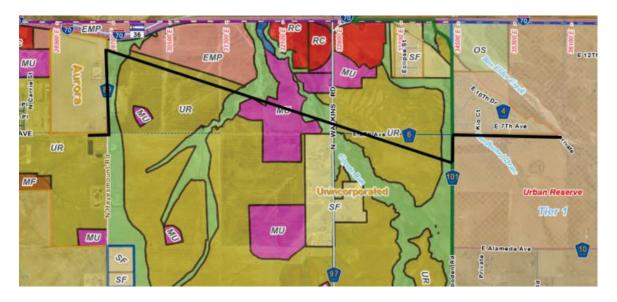
Cardboard Draw and Box Elder Creek Drainage Basins

In addition to the mailed notice requirements in the Land Development Code, staff requested that the applicant send mailed notice of the Planning Commission public hearing to the Watkins Farm and Thunder Ranch residents.

ANALYSIS OR THE LOCATION AND EXTENT APPLICATION

1. The Comprehensive Plan

The alignment of the pipeline spans many parcels and multiple Comprehensive Plan land use designations, specifically: Mixed Use (MU), Urban Residential/Single-Family Detached and Attached (UR), Open Space (OS), and Urban Reserve/Tier 1.



The Arapahoe County Comprehensive Plan addresses the relationship between water quality and discharges from treatment plants into streams, as it affects water quality as stated in the goals and policy as quoted below:

Strategy PFS 3.3(a) – Encourage the Reuse of Water by Water Suppliers and Individual Users

Many water suppliers in the County use reclaimed water for irrigation and other appropriate uses. The County supports these efforts and encourages the continued practice. The County supports efforts to expand the reuse of water to individual users.

Rangeview will continue to reuse water from the Sky Ranch WRF to the extent that the water can be used. Treated wastewater from the WRF has historically been used to irrigate parks and open space within Sky Ranch; however, storage capacity is limited, and there are times of the year when the supply of water exceeds irrigation demands. This project will allow excess reclaimed water to be released to Box Elder Creek.

Policy PFS 4.2 - Support Provision of New Wastewater Treatment Facilities in Designated Growth Areas

The County will support the approval and construction of new wastewater treatment facilities in Designated Growth Areas only when no other feasible or practicable alternatives are available to provide treatment.

This project is an extension of the existing Sky Ranch WRF and will allow excess reclaimed water to be released to Box Elder Creek.

Strategy PFS 4.2(a) - Work with Districts to Plan for New Wastewater Treatment Facilities

The County will cooperate with sanitation or metropolitan districts created in Designated Growth Areas to ensure that they are planning for adequate capacity to meet future growth demands.

The outfall will have the capacity to serve its area, and the discharged water will meet its state discharge permit conditions. A letter dated May 15, 2025, from Water Quality Control Division states "the site location application has been found to be in conformance with the Water Quality Control Commission's Site Location and Design Regulations for Domestic Wastewater Treatment Works, CCR 1002-22 (Regulation 22) and is therefore approved." See Attachment B The design flow ratings for the outfall pipeline, based upon the existing, approved capacity for the Sky Ranch WRF, are a maximum month average daily flow capacity of .40 million gallons per day and a peak hourly flow capacity of 1.7 million gallons per day. Mile High Flood District had no comments on this project. Rangeview has indicated they will install a monitoring system to quickly identify and address any breaks in the system.

2. Land Development Code Review

Section 5-7.3 of the Land Development Code covers the policy and regulatory aspects of a Location and Extent. This includes specific review, general requirements and procedure for Location and Extent applications. A Location and Extent does not have specific approval criteria but may be approved upon the finding that:

5-7.3.B.1.a. No road, park, public way, ground, or space, no public building or structure, and no major facility of a public utility shall be constructed or authorized in the unincorporated areas of Arapahoe County unless and until the proposed location and extent thereof has been submitted to and approved by the Arapahoe County Planning Commission.

The proposed public utility requires approval of a Location and Extent application.

5-7.3.B.1.b. Routine extensions of public utility lines and minor modifications to existing utility lines and/or facilities shall not be subject to this procedure.

The proposed project is more than a routine extension and is not a minor modification to an existing utility line, and is therefore not exempt from the Location and Extent procedure.

3. Referral Comments

Comments received during the referral process are summarized in Attachment C. There are no outstanding referral comments for the applicant to address.

STAFF FINDINGS

Staff has reviewed the plans, supporting documentation, and referral comments. Based upon review of applicable policies and goals in the Comprehensive Plan, review of the development regulations, and analysis of referral comments, our findings include:

- 1. The proposed LE25-002, Box Elder Discharge Pipeline Location and Extent, generally conforms to the Arapahoe County Comprehensive Plan.
- 2. The proposed LE25-002, Box Elder Discharge Pipeline Location and Extent, meets the Arapahoe County Land Development Code, zoning regulations, and procedures stated in Section 5-7.3 for consideration and approval of a Location and Extent application under the Land Development Code.

STAFF RECOMMENDATION

Considering the findings and other information provided herein, Staff recommends approval of Case No, LE25-002, Box Elder Discharge Pipeline - Location and Extent, subject to the following conditions of approval:

1. Prior to signature of the final copy of these plans, the applicant must address Public Works and Development Staff comments and concerns.

Alternatives

The Planning Commission has alternatives that include the following:

- 1. Approve the proposed Location and Extent.
- 2. Continue to a date certain for more information.
- 3. Deny the proposed Location and Extent.

CONCURRENCE

The Public Works and Development Planning and Engineering Services Divisions have reviewed the application, and the Arapahoe County Public Works Department is recommending approval of this case.

PLANNING COMMISSION DRAFT MOTIONS

Conditional Approval

In the case LE25-002, Box Elder Discharge Pipeline - Location and Extent, I have reviewed the staff report, including all exhibits and attachments, and have listened to the applicant's presentation and any public comment as presented at the hearing, and hereby move to approve this application based on the findings in the staff report, subject to the following conditions:

1. Prior to signature of the final copy of these plans, the applicant must address Public Works and Development Staff comments and concerns.

Below are Draft Motions that can be used as general guidance in preparing an alternative motion if the Planning Commission reaches a different determination:

Denial

In the case of LE25-002, Box Elder Discharge Pipeline Location and Extent, I have reviewed the staff report, including all exhibits and attachments and have listened to the applicant's presentation and any public comment as presented at the hearing and hereby move to deny this application based on the following findings:

1. State new findings in support of denial as part of the motion.

Continue to Date Certain:

In the case of LE25-002, Box Elder Discharge Pipeline Location And Extent, I move to continue the hearing to [date certain], 6:30 p.m., to obtain additional information and to further consider the information presented.



Date:

PUBLIC WORKS AND DEVELOPMENT

BRYAN D. WEIMER, PWLF

Director

Lima Plaza

Planning Commission's Summary Report

6924 South Lima Street Centennial, Colorado 80112-3853 720-874-6500

arapahoegov.com

To: Arapahoe County Planning Commission

Through: Kat Hammer, Planning Division

August 12, 2025

From: Sue Liu, PE, Engineering Services Division

Case name: LE25-002 Box Elder Discharge Pipeline – LE



Purpose and Recommendation

The purpose of this report is to communicate the Engineering Services Staff findings, comments, and recommendations regarding the land use application(s) identified above.

Scope/Location:

Pure Cycle Corporation on behalf of Rangeview Metropolitan District is proposing a new reclaimed water pipeline and discharge outfall from the Sky Ranch Wastewater Reclamation Facility (WRF). This line will extend from existing reclaimed lines in the Sky Ranch Development east to Box Elder Creek. The proposed pipeline alignment will be constructed within a mix of private easements and Arapahoe County ROWs.

The proposed pipeline will be a 12" DR 17 HDPE line buried a minimum of 6' below grade. Directional boring will be utilized to cross beneath roadways and floodplains. A concrete headwall and duckbill check valve will be installed at the pipe outfall in the Box Elder Creek bank. The headwall will be securely installed in the channel bank and riprap will be applied to the bank to prevent future floods from scouring the bank around the outfall. Riprap will also be installed below the outfall to dissipate energy from reclaimed water discharges and eliminate artificial erosion of the stream bed.

Minimal grading will be required to install the headwall, and existing grades will not be altered. The headwall will be installed outside of the existing low flow channel. Existing channel geometry will not be altered. Additionally, no increase to either the floodplain width or water surface elevation will result from the project as existing grades will remain unchanged, and no obtrusive structures will be built within the floodplain.

Engineering Services Staff has reviewed the land use application(s) and has the following findings and comments:

1. This parcel is tributary to the <u>Box Elder Creek</u> drainage basin. A small portion of the construction within the 100-yr floodplain of Box Elder Creek.

- 2. A Floodplain Development Permit (FDP) is required for all activities within the designated floodplain, regardless of impact. Even when it is apparent that there are no adverse impacts to the floodplain, a permit is required for administrative purposes to ensure that the County is aware of the activities within the floodplain and that they have been evaluated for compliance with the County's requirements (an engineer's Certification of No Impact is required).
- 3. The majority of the project lies outside of Southeast Metro Stormwater Authority (SEMSWA) boundary.
- 4. Mile High Flood District (MHFD) has no comments on the project.
- 5. A letter dated May 15, 2025 from Water Quality Control Division (Division) states "the site location application has been found to be in conformance with the Water Quality Control Commission's Site Location and Design Regulations for Domestic Wastewater Treatment Works, 5 CCR 1002-22 (Regulation 22) and is therefore approved." The design flow ratings for the outfall pipeline, based upon the existing, approved capacity of the Sky Ranch WRF, are as follows:
 - Maximum Month Average Daily Flow Capacity 0.40 million gallons per day (MGD) (0.74-cfs)
 - Peak Hourly Flow Capacity 1.7 MGD (3.15-cfs)
- 6. Construction activities that disturb one acre or more are required by the Environmental Protection Agency (EPA) to obtain a Construction Stormwater Permit.
- 7. The easements for the pipeline have been executed for the project.

Engineering Services Staff is recommending the land use application favorably subject to the following conditions of approval to be applied with the related application:

1. The Applicant agrees to address the Division of Engineering's comments and concerns as identified within this report.

ARAPAHOE COUNTY

Arapahoe County Public Works and Development Planning Division

6924 S. Lima Street Centennial, Colorado 80112 Phone: 720-874-6650 www.arapahoegov.com

Land Development Application

This form must be complete.

Land Development Application materials received after 2pm shall be date stamped received the following business day.

APPLICANT NAM Rangeview Metropolita		ADDRES	^{S:} 34501 E. Quino Watkins, CO 80	cy Ave., Bldg 1 0137			CONTACT	^{r:} Mark	Harding	
Metropolita	II DISTIICT	PHONE:	303.292.34	56			TITLE:	Presi	dent	
		EMAIL:	mharding@pur	ecyclewater.com	1					
owner(s) of R NAME(s): Rangeview Metropolita	,	ADDRES PHONE: EMAIL:	34501 E. Quind Watkins, CO 80 303.292.3 mharding@pur	0137	1		SIGNATU	RE(S):		
ENGINEERING F Pure Cycle		ADDRES	s: 34501 E. Quino Watkins, CO 80	cy Ave., Bldg 1 0137			CONTACT	^{Г:} Clay	Gagnon	
		PHONE: EMAIL:	303.292.34 cgagnon@pure	56 ecyclewater.com			TITLE:	Engin	eer	
Pre-Submittal Ca	ase Number: Q	24 _ 103	Pre-Submittal F	Planner: Kat Hamme	er	Pre	e-Submitta	l Engineer	: Sue Liu	
State Parcel ID N	No. (AIN no.):	1979-0	0-0-00-133							
Parcel Address or Cross Streets:		E. 6th Ave and E. 10th Dr.								
Subdivision Nan	ne & Filing No:									
			EXISTING					PROPO	SED	
Zoning:		Unincorpoi	rated					Unincorpo	orated	
Project Name:		N/A			Sky	y Ranch \	Waste Wate	r Reclamati	on Facility Box Elder Disch	narge
Site Area (Acres		N/A						N/A		
Density (Dwellin	•	N/A						N/A		
Building Square		N/A						N/A	1	
Disturbed Area ((Acres):	N/A		CASE TYPE (S)	<u> </u>					
				CASE TYPE (S)						
<u> </u>			0							
			THIS SECTIO	N IS FOR OFFICE USE O	NLY					
Case No:			Assigned Planner:			Assign	ed Engine	er:		
TCHD Fee:	\$		Planning Fee(s):	\$		Engine	ering Fee(s	s):	\$	

This land use application shall be submitted with all required application fees. Incomplete applications will not be accepted. Submittal of this application does not establish a vested property right in accordance with C.R.S. 24-68-105(1). Processing and review of this application may require the submittal of additional information, subsequent reviews, and/or meetings, as outlined in the Arapahoe County Land Development Code.

Land Development Application Rev 03-31-2022



March 27th, 2025

Arapahoe County Public Works & Development Planning Division, Attn: Kat Hammer 6924 S. Lima St. Centennial. CO 80112

RE: Letter of Intent
Project: Sky Ranch – Box Elder Transfer Pipeline & Outfall
Arapahoe County Case No. Q24-103

Dear Ms. Hammer -

Pure Cycle Corporation on behalf of Rangeview Metropolitan District is proposing a new reclaimed water pipeline and discharge outfall from the Sky Ranch Wastewater Reclamation Facility (WRF). This line will extend from existing reclaimed lines in the Sky Ranch Development east to Box Elder Creek. The proposed pipeline alignment will be constructed within a mix of private easements and Arapahoe County ROWs. Generally, the alignment runs north along the Hayesmount Road ROW, follows an existing northwest-southeast oil and gas corridor, then proceeds north along the Imboden Road ROW. From there, it continues east through the 6th Avenue ROW until intersecting with Box Elder Creek. The construction of this line is needed to allow for operational flexibility of the reclaimed water produced by the Sky Ranch WRF as the community grows.

The proposed pipeline will be a 12" DR 17 HDPE line buried a minimum of 6' below grade. Directional boring will be utilized to cross beneath roadways and floodplains. A concrete headwall and duckbill check valve will be installed at the pipe outfall in the Box Elder Creek bank. The headwall will be securely installed in the channel bank and riprap will be applied to the bank to prevent future floods from scouring the bank around the outfall. Riprap will also be installed below the outfall to dissipate energy from reclaimed water discharges and eliminate artificial erosion of the stream bed. A buried manhole will be constructed just upstream of the outfall containing a pressure sustaining/flow control valve, sampling station and butterfly valve. This manhole will be used for temporary monitoring of water quality and pressure regulation of the outfall.

The project is anticipated to start construction in Q4 of 2025 and has an estimated duration of 6 months.

Clay Gagnon, PE Pure Cycle Corporation cgagnon@PureCycleWater.com



March 27th, 2025

Arapahoe County Public Works & Development Planning Division, Attn: Kat Hammer 6924 S. Lima St. Centennial, CO 80112

RE: Narrative

Project: Sky Ranch – Box Elder Transfer Pipeline & Outfall

Arapahoe County Case No. Q24-103

Dear Ms. Hammer -

Pure Cycle Corporation on behalf of Rangeview Metropolitan District is proposing to construct a reclaimed water pipeline and discharge outfall from the Sky Ranch Wastewater Reclamation Facility. This project will be located in parts of Sections 5, 6, 7, 8 of Township 4S Range 64W and Sections 1, 2, 10, 11 of Township 4S Range 65W within Arapahoe County, Colorado.

Per Section 5-7.3.B, page 5-398, of the Land Development Code of Arapahoe County Public Work and Development, certain guidelines and regulations are set forth to direct the application material towards approval. It is understood that the application material will enter review based on these certain codes and criteria which will then be sent to a Planning Commission hearing and Board of County Commissioner hearing which then, only after approval and proper full-size paper submittal be considered fully approved. Listed below are the certain Codes and Criteria used for the design of the facility.

Arapahoe County Codes and Criteria

- 1. Land Development Code and Land Development Application Manual
- 2. Infrastructure Design and Construction Standards adopted March 11th, 2025, effective June 9, 2025
- 3. Stormwater Management Manual adopted January 30, 2007, revised July 1, 2019
- 4. Grading, Erosion, and Sediment Control (GESC) Manual adopted February 22, 2005, revised July 1, 2019
- 5. Public Works & Development Engineering Fee Schedule



Other Jurisdictional Criteria

- 1. Mile High Flood District Drainage Criteria Manuals (formerly Urban Drainage and Flood Control District)
- 2. Southeast Metro Stormwater Authority (SEMSWA).
- 3. Colorado Department of Health and Environment, Wastewater design Criteria Policy, Design Criteria for Domestic Wastewater Treatment Works. Effective June 7th 2022

All county code and criteria as well as other jurisdictional criteria mentioned above has been adhered to and is reflected in the submitted application documents. Pure Cycle and Rangeview Metropolitan District look forward to working with all local jurisdictions on this proposed project.

Clay Gagnon, PE Pure Cycle Corporation cgagnon@purecyclewater.com



NOTICE OF COMMUNITY PRESENTATION

FEBRUARY 5, 2025

RE: Sky Ranch Box Elder Transfer Pipeline & Outfall Project Community Open House Arapahoe County Case No. Q24-103, Location & Extent

Please be advised that Rangeview Metropolitan District will be holding a community open house for all Watkins Farms and Thunder Ranch Residents pertaining to their proposed Sky Ranch Box Elder Creek Transfer Pipeline & Outfall project. This project proposes construction of a 12" reclaimed water pipeline to transmit treated wastewater from the Sky Ranch Wastewater Reclamation Facility. This treated water will be discharged via a concrete outfall structure where E. 6th Avenue intersects Box Elder Creek. The pipeline route will generally follow an existing oil/gas pipeline corridor and parallel E. 6th Avenue as shown in the included map. The majority of the pipeline route crosses cultivated rural farmland until it runs south of Watkins Farms within the 6th Avenue right-of-way.

Treated wastewater from the Reclamation Facility has historically been used to irrigate parks and open space within Sky Ranch; however, storage capacity is limited and there are times of the year when the supply of water exceeds irrigation demands. This project will allow excess reclaimed water to be released to Box Elder Creek. Any discharged water released to Box Elder Creek will be highly treated and exceed the stringent water quality requirements set forth by the Colorado Department of Public Health and Environment (CDPHE).

The constructed pipeline will be buried to a minimum depth of 5' and constructed utilizing both open cut trenching/backfilling and directional boring to minimize surface disturbance. All disturbed grounds will be returned to original existing grade and vegetated conditions. There will be no above ground structures associated with the project aside from the pipe protrusion (outfall) into the Box Elder Creek channel. Rangeview Metropolitan District has submitted a Location and Extent application for the proposed pipeline and outfall for review by Arapahoe County (Case No. Q24-103) and construction is projected to begin in the Fall of 2025.

All residents are welcome to attend the presentation followed by a questions and answer session. Information about the open house and presentation are shown below. Electronic participation is also available through Microsoft Teams utilizing the link below. Any questions about the project or open house can be directed to Brent Brouillard by phone at 303-292-3456 or by email at BBrouillard@PureCycleWater.com.

Type of Presentation: Informational Meeting / Open House

Time: 6:30 pm

Date: February 25, 2025

Location: 34501 E. Quincy Ave., Bldg. 1, Ste. D, Watkins, CO 80137

Microsoft Teams Link:

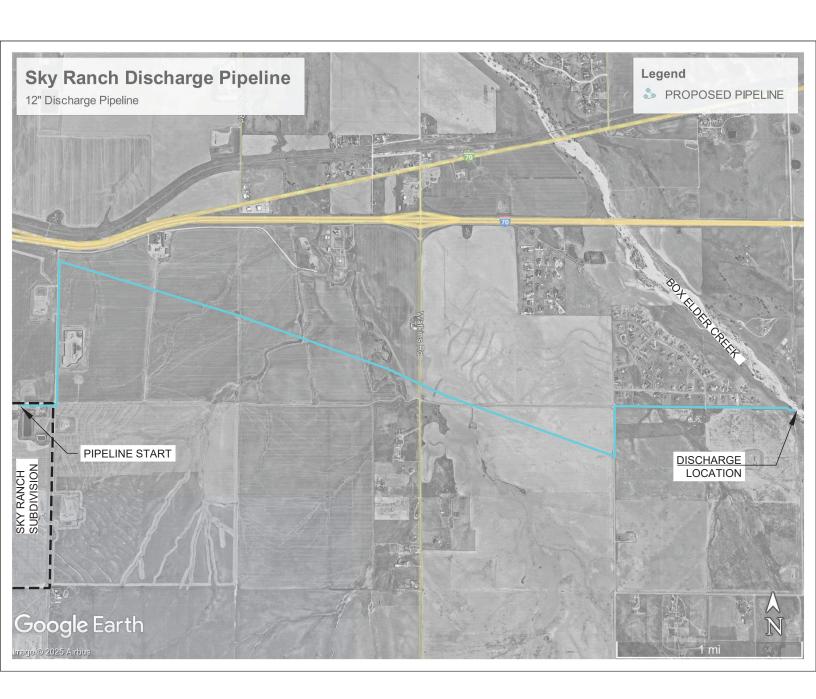
https://teams.microsoft.com/l/meetupjoin/19%3ameeting_YzM3ODNmM2QtMmI5NS00MjU4LThkMTYtZWU5MTUwMWU1M WJh%40thread.v2/0?context=%7b%22Tid%22%3a%22f3b53a50-7ff7-42eb-b3c9-1cce7fd60262%22%2c%22Oid%22%3a%2238eea57a-ebbf-44bf-972e-109419dcab7f%22%7d

Dial in by Phone: +1 872-240-8702,,697052989#

Rangeview Metropolitan District,

Mark Harding

President



Jame Address emai

Cindy Ginest 34919 E 10th DR Clginesteyahoo.com

Marejaret Fahnestock, 836 Amboden metwikns Egmail

Bernadette Fahnestock 336 Imboden

Michael Redinestoch 836 Imboden



FW: Public Meeting/Open House, Box Elder Creek Outfall, Q24-103

From Brent Brouillard <BBrouillard@purecyclewater.com>

Date Mon 3/31/2025 2:43 PM

To Clay Gagnon <cgagnon@purecyclewater.com>

Cc Taylor Rohde <taylor.rohde@gmail.com>

From: Brent Brouillard

Sent: Wednesday, February 26, 2025 2:12 PM

To: Kathleen Hammer < KHammer@arapahoegov.com>

Subject: Public Meeting/Open House, Box Elder Creek Outfall, Q24-103

Hello Kat,

Last night we held the open house meeting to discuss Rangeview's Sky Ranch Discharge Outfall and Pipeline project (Q24-103) with the Watkins Farms and Thunder Ranch communities. The meeting was held at Pure Cycle's offices and ran from 6:30 to 8:00pm. Six individuals attended the open house and no one joined the Teams call virtually. Four of the six participants lived in Watkins Farms residing in two different homes. The other two attendees were a rancher to the east of Box Elder Creek and a resident who lived near 6th Avenue and Watkins Road. No one from Thunder Ranch attended the meeting. The group topics of concern and major questions discussed during the meeting are listed below.

<u>Discharge Basin Selection Criteria</u> - The attendees were curious about why we were discharging to Box Elder Creek instead of to other drainage basins closer to Sky Ranch.

We explained that the discharged water will be used as an augmentation supply for Rangeview's upstream water rights and that the outfall needed to be placed in a drainage basin that flowed to Box Elder Creek upstream of other senior water right holders allowing us to expand our renewable water portfolio in Arapahoe County. We also discussed that we selected Box Elder Creek due to the presence of alluvial sand beds that allow the rapid infiltration of discharged water into the subsurface to prevent erosion and potential conflicts with downstream land uses. The attendees also recognized that Box Elder Creek is an existing floodplain that occasionally experiences surface flows which differentiates itself from smaller drainage basins around Sky Ranch that are typically dry year-round.

<u>Pipeline Alignment</u> – Attendees were curious why we would spend the extra capital to construct the pipeline in it's proposed configuration in the oil/gas corridor instead of running straight from Sky Ranch to Box Elder Creek paralleling the 6th Avenue ROW.

We explained the complexities and differences between Prosper's proposed 6th avenue ROW in their land plan and the existing 6th avenue ROW. We also explained that placing the pipeline in the oil/gas corridor is how we were able to negotiate an easement with Prosper as it does not encumber their lands and provides security for Rangeview's infrastructure in the future.

<u>Discharge Wastewater Quality</u> – Residents in Watkins Farms were concerned about the treated wastewater quality that would be discharged to Box Elder Creek.

A significant amount of the presentation centered on explaining the extensive water quality parameters that CDPHE will require testing for prior to discharge to Box Elder Creek along with Rangeview's history and continued practice of meeting these standards at their existing Sky Ranch WRF. We also discussed that this same treated wastewater is currently being used to irrigate public parks throughout Sky Ranch with zero complaints or issues from the community.

<u>Flood Discussion</u> - Margaret Fahnestock was very vocal about her concerns that our discharges into Box Elder Creek would exacerbate flood issues in Watkins Farms. Margaret and Becky Roberts live next to each other along Cardboard Draw on the west side of Watkins Farms (some of the farthest homes from Rangeview's proposed outfall). Cardboard Draw had a flooding event in 2024 due to an isolated high intensity rainfall event that led to high water levels that were close to overtopping a couple box culverts near their house.

Becky Roberts did not attend the meeting but shared this same concern with me through email prior to the Site Location Approval by the BOCC last November. I explained during the presentation that we are discharging to a different drainage basin (Box Elder Creek, not Cardboard Draw) and therefore would have no impact on future flood events in Cardboard Draw. I also explained that Rangeview's discharges are negligible (0.1%) compared to flood flows that may occur in Box Elder Creek in the future. I also discussed that Rangeview plans to construct additional storage reservoirs and surface diversions that will act as flood mitigation within Box Elder Creek in the future.

We hope to have the first submission for this L&E application to you in the coming weeks. Let me know if you have any thoughts or additional questions about the open house.

Brent Brouillard



34501 E. Quincy Ave., Bldg. 1 Watkins, CO 80137 (303) 292-3456



May 19, 2025

Kat Hammer

Weld County Planning Department

Transmission via email: khammer@arapahoegov.com

Re: Case No.: LE25-002, Box Elder Discharge Pipeline Land Development Application

Part of Sect. 1, 2, 10, 11, Twp. 4S, Rng. 65W, and Sect. 5, 6, 7, 8, Twp. 4S,

Rng. 64W, 6th P.M., Arapahoe County

Water Division 1, Water District 1 and 2

Dear Kat Hammer:

We have received your April 30, 2025 submittal concerning the above referenced proposal for a 12 inch reclaimed water pipeline and discharge outfall from the Sky Ranch Wastewater Reclamation Facility. The pipeline is an extension of the existing Rangeview Metropolitan District non-potable water system. Reclaimed water from the Sky Ranch Water Reclamation System will be pumped 4.5 miles east of to a proposed outfall located at the intersection of E. 6th Avenue and Box Elder Creek.

This referral does not appear to qualify as a "subdivision" as defined in Section 30-28-101(10)(a), C.R.S. Therefore, pursuant to the State Engineer's March 4, 2005 and March 11, 2011 memorandums to county planning directors, this office will only perform a cursory review of the referral information and provide informal comments. The comments do not address the adequacy of the water supply plan for this project or the ability of the water supply plan to satisfy any County regulations or requirements. In addition, the comments provided herein cannot be used to



LE25-002, Arapahoe County May 19, 2025 Page 2 of 2

guarantee a viable water supply plan or infrastructure, the issuance of a well permit, or physical availability of water.

No water supply source or water demands were included in the application documents. Therefore, the water supply source and water supply demands associated with construction of the pipeline are unknown.

So long as any water demands associated with construction of the pipeline (dust control, directional boring, potable drinking water, washing of equipment, etc.) is obtained by a qualified legal source, our office has no comments on the project.

Please contact Mike Matz at 303-866-3581 x8241 or at michael.matz@state.co.us with any questions.

Sincerely,

Ioana Comaniciu, P.E.

Water Resources Engineer

Ec: Referral no. 34040

CATEGORY	AGENCY	AGENCY RESPONSE	APPLICANT'S RESPONSE
ARAPAHOE COUNTY			
AGENCIES			
	ARAPAHOE COUNTY ENERGY SPECIALIST		
	ARAPAHOE COUNTY OPEN SPACES		
	ARAPAHOE COUNTY PUBLIC HEALTH	Trenching and excavated material	Acknowledged, clearance
	DEPARTMENT - LAND USE REFERRALS	storage should not occur in close proximity to an OWTS. Where wells are within or close to pipeline routes, we recommend the applicant protect the wells by identifying the areas around wells so that they are visible to vehicle operators and construction crews. ACPH has no objection to the use of portable toilets during construction, provided they are for temporary use only and properly	from all private sewage and drinking water systems has been identified and will encroachment or disturbance of these facilities will not occur. A ^yo dumpster and porta potty serviced by Honey bucket will follow the construction crews each day and will remain on site until the project is stabilized
	ADADAH OF COUNTY PURLIC WORKS MARRING	maintained.	
	ARAPAHOE COUNTY PUBLIC WORKS MAPPING		
	DIVISION	N.	A
	ARAPAHOE COUNTY R&B REFERRALS	No comments.	Acknowledged.
OLTIZEN OBO 6 LIGA	ARAPAHOE COUNTY/PWD ENG/TRAFFIC OPS		
CITIZEN ORG & HOA	OFNOON		
	CENCON CENCON		
	EAST ARAPAHOE COUNTY/ADVISORY PLANNING COMMISSION		
	I DI AKIKIKIC CYANANICCIANI		1

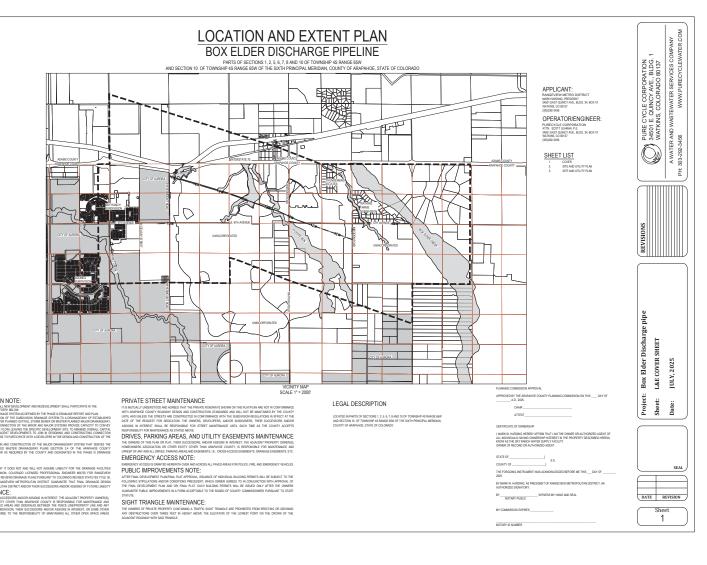
	-	Bill Coyl said there is a agreement to put the discharge upstream from his property to put back in to resupply the water being pulled by wells in the area. There were no other comments that were negative.	I assume Mr. Coyle is referring to an augmentation plan to protect water levels in alluvial wells from upstream pumping stemming from a separate case. This project is an outfall for treated effluent
		9	discharge. The Colorado Division of Water Resources and the Water Court System is the appropriate venue for discussing augmentation plans. Acknowledged.
		Mostly favorable.	Acknowledged.
	UNINCORPORATED ARAPAHOE COUNTY ECONOMIC DEVELOPMENT (UACED)	No comments.	
ENVIRONMENT & OPEN SPACE			
	COGCC OIL & GAS CONSERVATION COMMISSION - ORPHANED WELL		
	WESTERN MIDSTREAM DIVISION OF OIL & PUBLIC SAFETY - STATE OF COLORADO		
FIRE			
	BENNETT - WATKINS FIRE RESCUE		
	BENNETT- WATKINS FIRE RESCUE		
	SABLE ALTURA FIRE DISTRICT		
FLOODPLAIN/WETLANDS			

	MILE HIGH FLOOD DISTRICT	I was able to review the latest submittal and MHFD has no further comments. Since the outfall they are constructing is in relation to a reclaimed pipeline discharge point, that would not be considered maintenance eligible. Clay with Pure Cycle called me to see if we had any further comments, so I let	Acknowledged.
		him know we have no more	
		comments.	
	US ARMY CORPS OF ENGINEERS		
HEALTH DEPARTMENT/AIR			
QUALITY			
QUALITI	CDPHE/ DEPARTMENT OF HEALTH &	Provide a complete response to	Acknowledged, pollutant
	ENVIRONMENT - STATE OF COLORADO	letter dated May 15, 2025, from	levels will be maintained to
		Tyson Ingles and letter from	within allowable limits stated
		Brendan Cicione.	in letter.
	CDPHE/COLORADO DEPARTMENT OF HEALTH/BROWNFIELD/SUPERFUND		
HOA	TIEAEITI/BROWNTIEED/301 ERI OND		
110/1	Thunder Ranch		
	Watkins Farm		
PLANNING OFFICES	T.G. MIIII		
2	ADAMS COUNTY REFERRALS		
	CITY OF AURORA - ENGINEERING REFERRALS		
	CITY OF AURORA - PLANNING REFERRALS		
SHERIFF			
	ARAPAHOE COUNTY SHERIFF- OFFICE OF EMERGENCY MANAGEMENT (OEM)	No comments.	Acknowledged.

	ARAPAHOE COUNTY SHERIFF'S OFFICE -	No comments.	Acknowledged.
	COMMUNITY RESOURCE UNIT		
	ARAPAHOE COUNTY SHERIFF'S OFFICE - LAND	No comments.	Acknowledged.
	<u>USE REFERRALS</u>		
	ARAPAHOE COUNTY/SHERIFF/CRIME		
	PREVENTION UNIT		
SOIL OR CONSERVATION			
	COLORADO GEOLOGICAL SURVEY - STATE OF	No comments and no objections.	Acknowledged.
	COLORADO		
UTILITIES OR PHONE			
	BIJOU TELEPHONE CO-OP		
	CENTURYLINK NETWORK REAL ESTATE		
	<u>DEPARTMENT</u>		
	COGCC- COLORADO NATURAL GAS	After review, a portion of the	Acknowledged.
		alignment for LE25-002, Box Elder	
		Discharge Pipeline will be crossing	811 will be called prior to
		through Colorado Natural Gas	digging.
		certified service territory, however	
		Colorado Natural Gas has no	
		objections to the proposed project.	
		There are limited Colorado Natural	
		Gas facilities along the alignment.	
		Please call 811 prior to digging.	
	CRESTONE PEAK-PIPELINE REFERRALS	r tease call of 1 phor to digging.	
	CRESTONE PEAK-WELL SITE REFERRALS		
	IREA	We have reviewed our records and	Acknowledged.
	INEA		Acknowledged.
		find that this property is not in our	
	DI III I I IDO CO	service territory.	
	PHILLIPS 66		

T	T =	
XCEL ENERGY - PSCO ROW & REFERRALS	Public Service Company of	No new natural gas or
	Colorado's (PSCo) Right of Way &	electric service or any
	Permits Referral Desk has reviewed	modification to PSCo
	the plan for Box Elder Discharge	facilities is expected for this
	Pipeline. Please be aware PSCo	project. 811 will be called
	owns and operates existing electric	prior to digging.
	distribution facilities within and	. 35 5
	along the proposed project.	
	atong the proposed project.	
	The property	
	owner/developer/contractor must	
	complete the application process	
	for any new natural gas or electric	
	service, modification to existing	
	facilities, including relocation, via	
	xcelenergy.com/InstallAndConnect.	
	It is then the responsibility of the	
	developer to contact the Designer	
	assigned to the project for approval	
	of design details.	
	If additional easements need to be	
	acquired by separate PSCo	
	document, a Right-of-Way Agent	
	will need to be contacted by the	
	Designer.	
	As a sefetive security BCO	
	As a safety precaution, PSCo would	
	like to remind the developer to call	
	the Utility Notification Center by	

		dialing 811 for utility locates prior to	
		construction.	
WELL AND SEPTIC			
	DIVISION OF WATER RESOURCES-STATE	See letter, dated May 19, 2025 from	Acknowledged, no
	ENGINEER/GROUNDWATER	Ioana Comaniciu provide a	comments from Ioana per
		response.	letter.
WILDLIFE & ANIMAL			
	COLORADO PARKS & WILDLIFE/ 1ST POINT OF		
	CONTACT		
	COLORADO PARKS AND WILDLIFE -		
	COMMERCIAL, RESIDENTIAL, & ENERGY		



DRAINAGE LIABILITY

