



November 11, 2020

Aurora Water  
15151 E. Alameda Ave.  
Aurora, CO 80012

**RE:    *Project Tiger at Porteos***  
         ***Planning Area 10B***  
         ***Utility Conformance Letter***

To Whom It May Concern:

Kimley-Horn and Associates, Inc. is submitting this Utility Conformance Letter on behalf of SunCap Property Group, LLC, the developer of Planning Area 10B in the Porteos Master Development, to accompany the Site Plan for Project Tiger at Porteos (the "Project"). The letter is for verification that the Project as described below is in compliance with the Porteos Harvest Road and 56<sup>th</sup> Avenue Master Utility Report Amendment prepared by CVL Consultants revised April 2017 (the "MUS").

## **PROJECT DESCRIPTION**

The Project is located northwest of the intersection of E 56<sup>th</sup> Avenue and Jackson Gap Street in Aurora, Colorado (the "Site"). More specifically, the Site is approximately 68.11 acres and is a parcel of land located in the northwest quarter of Section 9, Township 3 South, Range 65 West of the 6<sup>th</sup> Principal Meridian, City of Aurora, County of Adams, State of Colorado. The proposed site is bounded by Future 60<sup>th</sup> Ave and vacant future industrial to the North, vacant commercial and Jackson Gap Street to the East, Parcel Floodplain and E. 56<sup>th</sup> Avenue to the South and vacant commercial property and Harvest Road to the West.

The Project will consist of one 480,000 square foot distribution facility and one 10,200 square foot vehicle maintenance garage to support the distribution facility within the Porteos Subdivision. Associated truck, trailer, van, and employee parking, drive aisles, landscaping, lighting, and utility improvements are also proposed to support the distribution facility. The proposed building is oriented to face east towards the van parking lot with the truck and trailer parking west of the building and employee parking to the south. The Project is anticipated to be accessed from three (3) locations along Jackson Gap Street and two (2) along 56<sup>th</sup> Ave. Parking and drive aisles, whether in the secured area or the employee parking lot, are designed to provide internal traffic circulation as well as emergency access throughout the Site.

The sewer and water designs presented herein will focus on the sanitary sewer flows and water demands associated with development of the Project. An Overall Utility Plan is provided in **Appendix A**.

## DESIGN CRITERIA

### Regulations

The current adopted Aurora Water “Water, Sanitary Sewer & Storm Drainage Infrastructure Standards and Specifications” (the “Aurora Water Criteria”) has been used as the basis of design for the Project.

### Development Criteria Reference and Constraints

Porteos Harvest Road and 56<sup>th</sup> Avenue Master Utility Report Amendment prepared by CVL Consultants revised April 2017 (the “MUS”), the Porteos Road Infrastructure – Phase 6 Construction Documents prepared by CVL Consultants dated October 2020 (the “Phase 6 CDs”), and the Porteos – Phase 8 Construction Documents (the “Phase 8 CDs”) were utilized to confirm sewer and water availability and conformance for the Project. Excerpts of the MUS that were utilized in preparation of this letter are provided in **Appendix D**.

## WATER SYSTEM

### Existing Water System

According to the MUS and the Phase 6 CDs, E. 56<sup>th</sup> Avenue has an existing 24” water main located on the south side of the existing two lane roadway. An existing 16” water main is located within Jackson Gap Street. 56<sup>th</sup> Avenue and Jackson Gap Street are planned to be widened as part of the Phase 6 CDs and includes hydrants along both rights-of-way. There are no stubouts identified on the existing conditions nor the Phase 6 CDs. A 16” water main will be installed within E. 60<sup>th</sup> Avenue with a 12” stubout as identified within the Phase 8 CDs.

Per the MUS, the Site is located within Pressure Zone 3 with high to very high water pressures. Based on the MUS, various pressure reducing valves were installed at five (5) different location in the Porteos water system; however, the pressures on the south side of Porteos will remain on Zone 3 and have higher water pressures.

### Assumed Water System Demands

#### *MUS Assumed Water Demands*

The MUS water demands were calculated for both Planning Area 10A and 10B and based on a mixed commercial development. Since the Site is being replatted to a larger parcel than assumed in the MUS, a weighted average of these demands was completed. The assumed demands for Planning Area 10B are identified below.

Average Day Demand (ADD) – 58.89 GPM

Maximum Day Demand (MDD) – 164.88 GPM

Peak Hour Demand (PHD) – 264.99 GPM

### **Aurora Water Criteria Assumed Water Demands**

Utilizing the requirements provided in Section 5.00 of the Aurora Water Criteria, a summary of the demands for the Project based on a commercial use with the replatted site acreage, Site demands are identified below.

Average Day Demand (ADD) – 102,165 GPD, 70.9 GPM

Maximum Day Demand (MDD) – 286,062 GPD, 198.7 GPM

Peak Hour Demand (PHD) – 459,743 GPD, 319.3 GPM

### **Proposed Water Demands**

Water demands were calculated by using requirements provided in Section 5.00 of the Aurora Water Criteria. A summary of the demands for the Project are summarized below. Demands are based on Section 5.02.3 of the Aurora Water Criteria and an industrial use with the site acreage as noted in this letter.

Average Day Demand (ADD) – 81,732 GPD, 56.76 GPM

Maximum Day Demand (MDD) – 228,850 GPD, 158.92 GPM

Peak Hour Demand (PHD) – 367,794 GPD, 255.41 GPM

### **Water System Comparison**

#### **MUS Comparison**

Comparing the proposed demands for the Project to the MUS assumed water demands, the following delta was determined.

	Average Day Demand (ADD) (GPM)	Maximum Day Demand (MDD) (GPM)	Peak Hour Demand (PHD) (GPM)
MUS Assumed Demand	58.89	164.88	264.99
Proposed Demand	56.76	158.92	255.41
Delta	(2.13)	(5.95)	(9.57)

\*( ) indicated values less than the MUS assumed demand

### Aurora Water Criteria Comparison

Comparing the proposed industrial demands for the Project to commercial demands for the same size site based on the Aurora Water Criteria, the following delta was determined.

	Average Day Demand (ADD) (GPM)	Maximum Day Demand (MDD) (GPM)	Peak Hour Demand (PHD) (GPM)
Aurora Water Criteria	70.9	198.7	319.3
Proposed Demand	56.76	158.92	255.41
Delta	(14.2)	(39.7)	(63.9)

\*( ) indicated values less than Aurora Water Criteria

Water system demand calculations and comparison tables are provided in **Appendix B**.

## WASTEWATER SYSTEM

### Existing Wastewater System

According to the MUS, Phase 6 CDs, and Phase 8 CDs, a 15" PVC sanitary main will be installed within future E. 60<sup>th</sup> Avenue and an 8" PVC sanitary stub off of the 15" PVC main will be installed for the Site.

### Assumed Wastewater System Demands

#### MUS Assumed Wastewater Demands

The MUS wastewater demands were calculated for both Planning Area 10A and 10B and based on a mixed commercial development. Since the Site is being replatted to a larger parcel than assumed in the MUS, a weighted average of these demands was completed. This assumed demand for Planning Area 10B is identified below.

Average Daily Flow – 0.199 MGD, 198,796 GPD

#### Aurora Water Criteria Assumed Wastewater Demands

Utilizing the requirements provided in Section 5.03 of the Aurora Water Criteria, a summary of the demand for the Project based on a commercial use with the replatted site acreage, the Site demand is identified below.

Average Daily Flow – 102,165 GPD

### Proposed Wastewater System Demands

Wastewater demands were calculated using requirements provided in the Aurora Water Criteria. A summary of the demands for the Project are summarized below based on an industrial site acreage of 68.11 acres.

Average Daily Flow – 0.082 MGD, 81,732 GPD

Do you have any demands based on this exact project/use?

At this time, actual demands are not yet known. This report can be updated during civil construction document review if requested by staff.

## Wastewater System Comparison

### MUS Comparison

Comparing the proposed demands for the Project to the MUS assumed wastewater demands, the following delta was determined.

	Average Daily Flow (GPD)
MUS Assumed Demand	198,796
Proposed Demand	81,732
Delta	(117,064)

\*( ) indicated values less than the MUS Assumed Demand

### Aurora Wastewater Criteria Comparison

Comparing the proposed industrial demands for the Project to commercial demands for the same size site based on the Aurora Water Criteria, the following delta was determined.

	Average Daily Flow (GPD)
MUS Assumed Demand	102,165
Proposed Demand	81,732
Delta	(20,433)

\*( ) indicated values less than Aurora Water Criteria

Sanitary sewer demand calculations and comparison tables are provided in **Appendix C**.

## COMPLIANCE WITH STANDARDS

Although some of the improvements identified in the MUS and CDs have yet to be constructed, the demands associated with the Project are anticipated to be in substantial accordance with applicable assumptions utilized to design the downstream infrastructure and is not anticipated to adversely affect these facilities for which they connect. From the analysis presented within this letter, the Project is in general conformance with the assumptions and design included within the MUS, Phase 6 CDs, and Phase 8 CDs.

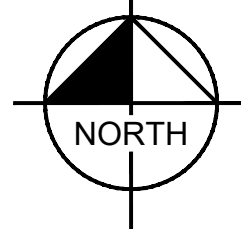
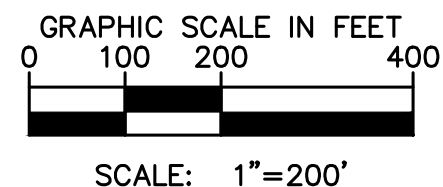
If you have any questions or comments during your review, please do not hesitate to contact me at 303-228-2307.

Sincerely,  
KIMLEY-HORN AND ASSOCIATES, INC.

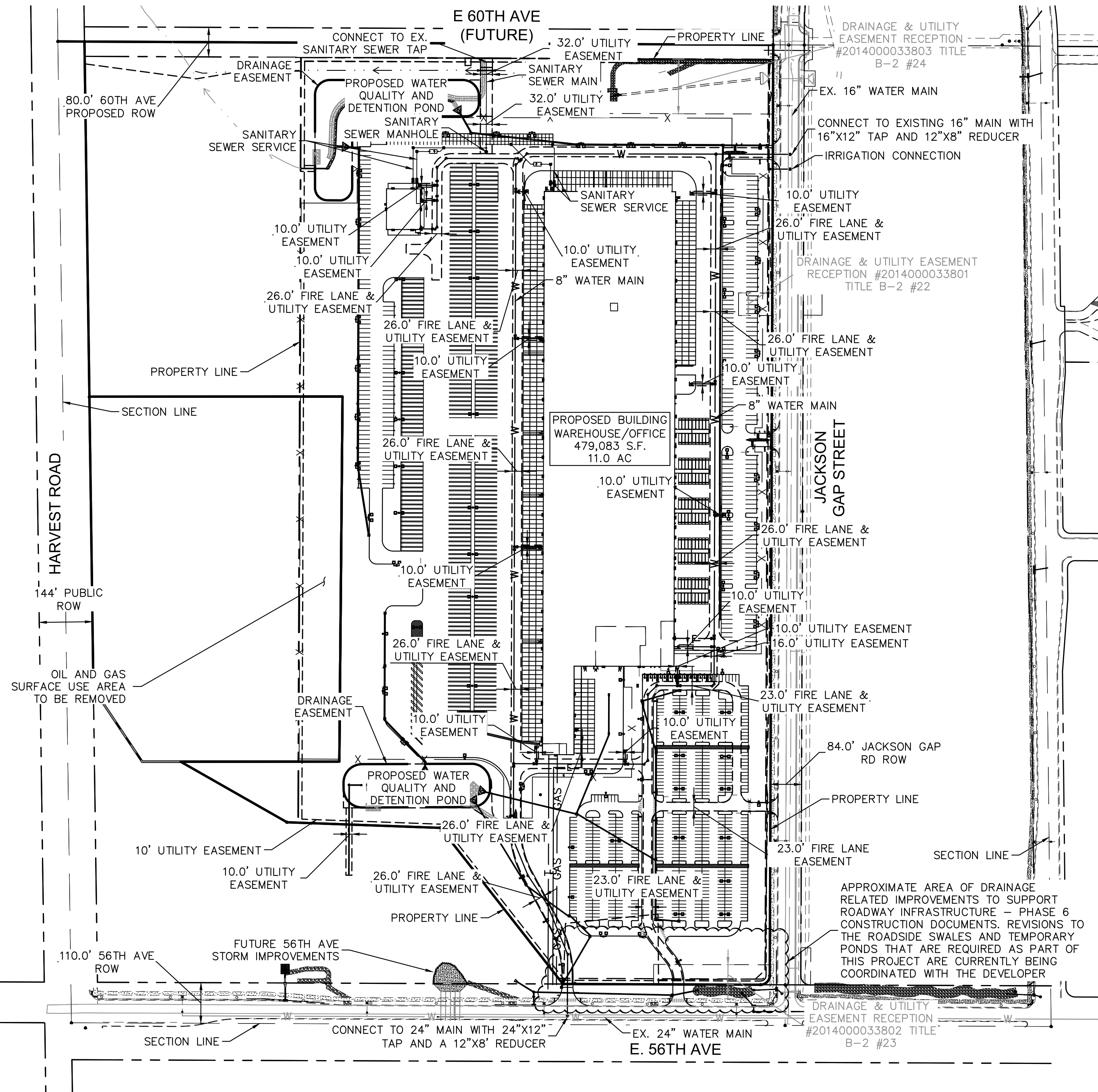
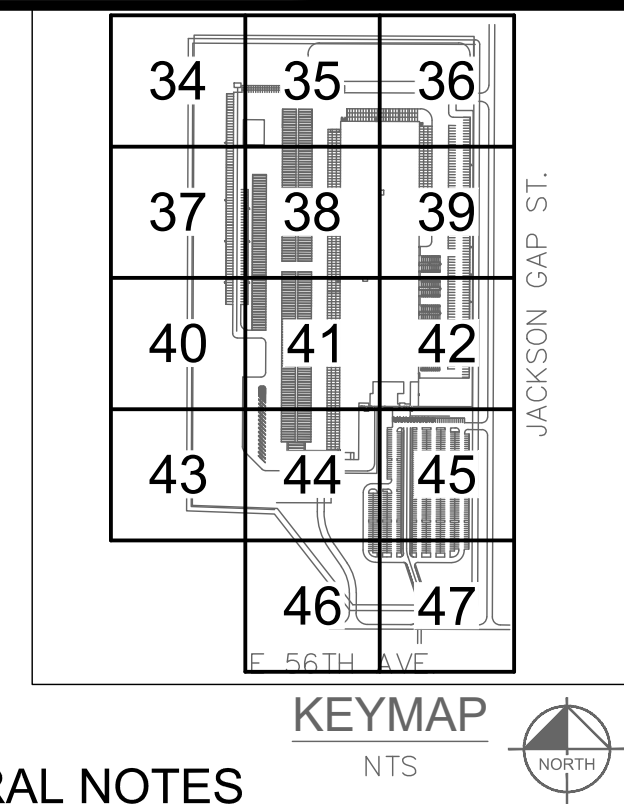
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Erin Griffin, P.E.  
Registered Professional Engineer  
State of Colorado No. 42694

## APPENDIX A – UTILITY PLAN



**PROJECT TIGER AT PORTEOS**  
**SITE PLAN AND PRELIMINARY PLAT**  
LOCATED IN THE SW  $\frac{1}{4}$  OF SECTION 8, TOWNSHIP 3 SOUTH,  
RANGE 65 WEST OF THE 6TH P.M.,  
ADAMS COUNTY, STATE OF COLORADO



**GENERAL NOTES**

- 1 SANITARY SEWER PIPE SERVICE LINE
- 2 SANITARY SEWER CLEANOUT
- 3 WATER MAIN
- 4 WATER SERVICE LINE
- 5 FIRE SERVICE LINE
- 6 FIRE HYDRANT W/ BOLLARD ASSEMBLY
- 7 FDC W/ APPROVED KNOX HARDWARE
- 8 KNOX BOX

**LEGEND:**

- PROPERTY LINE
- - - - - EXISTING EASEMENT LINE
- - - - - PROPOSED EASEMENT LINE
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- W — EXISTING WATER LINE
- W — PROPOSED WATER LINE
- ☒ PROPOSED WATER METER
- ⦿ PROPOSED FIRE HYDRANT AND BOLLARD ASSEMBLY PER COA STD DETAIL 208
- ⊗ PROPOSED WATER VALVE
- △ PROPOSED TEE
- △ PROPOSED WATER BEND W/ THRUST BLOCK
- ⦿ PROPOSED FDC
- S — EXISTING SANITARY SEWER
- S — PROPOSED PRIVATE SANITARY SEWER
- ⊗ SANITARY SEWER MANHOLE
- PROPOSED SITE AND BUILDING LIGHTING

NOTE: ALL ONSITE STORM SEWER IS PRIVATE AND SHALL BE OWNED AND MAINTAINED BY THE OWNER. PUBLIC STORM TO BE MAINTAINED BY THE CITY OF AURORA.

**Kimley»Horn**  
KIMLEY-HORN AND ASSOCIATES, INC.  
4835 South Ute Avenue, Suite 100  
Denver, Colorado 80237 (303) 228-2300

**PROJECT TIGER AT PORTEOS**  
CITY OF AURORA, COUNTY OF ADAMS  
SITE PLAN AND PRELIMINARY PLAT  
OVERALL UTILITY PLAN

DATE: 11/9/2020  
DESIGNED BY: BJC  
DRAWN BY: CM  
CHECKED BY: ELG

FILE NO.  
UT\_LOV  
PROJECT NO.  
096360012

SHEET NO.

## APPENDIX B – WATER SYSTEM CALCULATIONS



PROJECT: Project Tiger at Porteos

COMPUTED BY: E. Griffin

REVIEWED BY: E. Griffin

DATE: 11/11/2020

PROJECT NO: 096360012

SHEET: 1 OF 2

MUS Demand Comparison

PLANNING AREA	MUS Demands				Replatted Demands				
	SITE AREA (AC)	BUILDING AVERAGE DAILY DEMAND, ADD (GPM)	MAX. DAILY DEMAND, MDD (GPM)	PEAK HOUR DEMAND, PHD (GPM)	SITE AREA (AC)	% of Total Site	BUILDING AVERAGE DAILY DEMAND, ADD (GPM)	MAX. DAILY DEMAND, MDD (GPM)	PEAK HOUR DEMAND, PHD (GPM)
PA-10A	59.30	51.26	143.52	230.66	31.59	31.69%	27.31	76.47	122.90
PA-10B	40.40	34.94	97.83	157.23	68.11	68.31%	58.89	164.88	264.99
	99.70	86.20	241.35	387.89	99.70	100.00%	86.20	241.35	387.89

Proposed Demands	56.76	158.92	255.41
DELTA	-2.13	-5.95	-9.57

PROJECT: Project Tiger at Porteos

COMPUTED BY: E. Griffin

REVIEWED BY: E. Griffin

DATE: 11/11/2020

PROJECT NO: 096360012

SHEET: 2 OF 2

Aurora Water Criteria Comparison

	SITE AREA (AC)	AVERAGE DAILY DEMAND, ADD (GPD)	BUILDING AVERAGE DAILY DEMAND, ADD (GPM)	MAX. DAILY DEMAND, MDD (GPD)	MAX. DAILY DEMAND, MDD (GPM)	PEAK HOUR DEMAND, PHD (GPD)	PEAK HOUR DEMAND, PHD (GPM)
Industrial	68.11	81,732	56.8	228,850	158.9	367,794	255.4
Commercial	68.11	102,165	70.9	286,062	198.7	459,743	319.3
DELTA*		-20,433	-14.2	-57,212	-39.7	-91,949	-63.9

REMARKS:

\*The DELTA row shows the assumed overall development design is in excess of the proposed flow for the Project

## APPENDIX C – WASTEWATER SYSTEM CALCULATIONS

PROJECT: Project Tiger at Porteos

PROJECT NO: 096360012

SANITARY SEWER COMPUTATION SHEET

COMPUTED BY: E. Griffin

REVIEWED BY: E. Griffin

DATE: 11/11/2020

SHEET: 1 OF 2

MUS Demand Comparison

	MUS Demands				Replatted Demands			
PLANNING AREA	SITE AREA (AC)	% of Total Site	Average Daily Flow (MGD)	Average Daily Flow (GPD)	SITE AREA (AC)	% of Total Site	Average Daily Flow (MGD)	Average Daily Flow (GPD)
PA-10A	59.30	59.48%	0.173	173,082	31.59	31.69%	0.092	92,204
PA-10B	40.40	40.52%	0.118	117,918	68.11	68.31%	0.199	198,796
	99.70	100.00%	0.291	291,000	99.70	100.00%	0.291	291,000

Proposed Demands	0.082	81,732
DELTA	-0.117	-117,064

PROJECT: Project Tiger at Porteos

SANITARY SEWER COMPUTATION SHEET

COMPUTED BY: E. Griffin  
REVIEWED BY: E. Griffin  
DATE: 11/11/2020

PROJECT NO: 096360012

SHEET: 2 OF 2

LINE NUMBER	PROJECTED FLOW DETERMINATION - AURORA WATER COMPARISON																							
DESIGN POINT LOCATION	RESIDENTIAL								COMMERCIAL/INDUSTRIAL								TOTAL AVERAGE SEWAGE FLOW (CFS)	PEAK FACTOR	PEAK FLOW (GPD)	PEAK FLOW (CFS)	INFILTRATION			TOTAL PEAK SEWAGE FLOW (CFS)
	ZONING	AREA (ACRES)	NO. UNITS	DENSITY (P.P.U.)	POPULATION		FLOW FACTOR (GPCD)	AVERAGE FLOW (CFS)	ZONING	AREA		AVERAGE DAILY FLOW ADF (GPD)	GPD/SF	FIXTURE UNITS	AVERAGE FLOW (CFS)	ALLOWANCE					INFILTRATION (CFS)	CUMULATIVE INFILTRATION		
					INCREMENT	TOTAL				(ACRES)	BLDG FT2													
Industrial									AD	68.11		81,732	1.5		0.126	0.126	4.00	326,928	0.506	0.1	0.013	0.013	0.519	
Commercial									AD	68.11		102,165	1.5		0.158	0.158	4.00	408,660	0.632	0.1	0.016	0.016	0.648	
DELTA*												-20,433											-0.130	

REMARKS:

\*The DELTA row shows the assumed overall development design is in excess of the proposed flow for the Project

## APPENDIX D– MASTER UTILITY STUDY EXCERPTS



217130MU1  
2013-3010  
93W-X,94-95W

**PORTEOS**  
**HARVEST ROAD AND 56<sup>TH</sup> AVENUE**  
**MASTER UTILITY REPORT AMENDMENT**  
**CITY OF AURORA, COLORADO**  
REVISED APRIL 2017

PREPARED FOR: ACP DIA 1287 INVESTORS, LLC  
4530 E. SHEA BLVD., SUITE 100  
PHOENIX, ARIZONA 85028  
ATTN: BILL WICHTERMAN  
PHONE: (602) 494-7800

PREPARED BY: CVL CONSULTANTS OF COLORADO, INC.  
10333 E. DRY CREEK AVENUE, SUITE 240  
ENGLEWOOD, COLORADO 80112  
PHONE: (720) 482-9526

CVL PROJECT #: 8.13.02497.03  
STAFF ENGINEER: JOE FERRIS  
PROJECT MANAGER: SARAH J. KOLZ

**MASTER UTILITY REPORT  
FOR  
PORTEOS**

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**City of Aurora Approval Block**

JD Vernon A. Adam

Aurora Water

08/18/2017

Date

Kevin Wegene

City Engineer

09/11/2017

Date

Chris D. Dea

Life Safety

8/31/2017

Date

PORTEOS SANITARY SEWER FLOWS AND POPULATION									
Basin	Building Use Size (1000 sf)	Building Use Size (1000 sf)	Building Use Size (Ac)	Avg. Daily Flow (GPD/sf)	Avg. Daily Flow (MGD)	Equivalent Population/ Ac	Population		
Use	% of SF (1)								
PA-1	Commercial	403.88	25	100.97	2.32	0.5	0.050	50	115.90
	Hotel		50	201.94	4.64	0.5	0.101	50	231.80
	Office		25	100.97	2.32	0.2	0.020	50	115.90
	Sub Total		100	403.88	9.27		0.172	50	463.59
PA-2	Commercial	574.36	25	143.59	3.30	0.5	0.072	50	164.82
	Hotel		50	287.18	6.59	0.5	0.144	50	329.64
	Office		25	143.59	3.30	0.2	0.029	50	164.82
	Sub Total		100	574.36	13.19		0.244	50	659.27
PA-3	Retail	783.77	25	195.94	4.50	0.15	0.029	50	224.91
	Hotel		50	391.88	9.00	0.5	0.196	50	449.82
	Office		25	195.94	4.50	0.2	0.039	50	224.91
	Sub Total		100	783.77	17.99		0.265	50	899.64
PA-4	Parking	921.40	100	921.40	21.15	0.02	0.018	15	317.29
PA-5	Industrial	1592.86	100	1592.86	36.57	0.05	0.080	15	548.51
PA-6A	Industrial	2592.89	100	2592.89	59.52	0.05	0.130	15	892.87
PA-6A ESMT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PA-6B	Industrial	1978.74	100	1978.74	45.43	0.05	0.099	15	681.39
PA-6B ESMT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PA-7	Industrial	1322.94	100	1322.94	30.37	0.05	0.066	15	455.56
PA-8(A-B)	Commercial	1013.20	25	253.30	5.81	0.5	0.127	50	290.75
	Office		75	759.90	17.44	0.2	0.152	50	872.24
	Sub Total		100	1013.20	23.26		0.279	50	1162.99
PA-9A	Commercial	226.43	40	90.57	2.08	0.5	0.045	50	103.96
	Hotel		15	33.96	0.78	0.5	0.017	50	38.99
	Event Venue		45	101.89	2.34	0.5	0.051	50	116.96
	Sub Total		100	226.43	5.20		0.113	50	259.91
PA-9B	Industrial	141.74	100	141.74	3.25	0.05	0.007	15	48.81
PA-9C	Commercial	156.62	15	23.49	0.54	0.5	0.012	50	26.97
	Hotel		10	15.66	0.36	0.5	0.008	50	17.98
	Office		75	117.47	2.70	0.2	0.023	50	134.83
	Sub Total		100	156.62	3.60		0.043	50	179.78
PA-9D	Commercial	238.26	15	35.74	0.82	0.5	0.018	50	41.02
	Hotel		10	23.83	0.55	0.5	0.012	50	27.35
	Office		75	178.70	4.10	0.2	0.036	50	205.11
	Sub Total		100	238.26	5.47		0.066	50	273.48
PA-10(A-B)	Commercial	830.59	50	415.29	9.53	0.5	0.208	50	476.69
	Office		50	415.29	9.53	0.2	0.083	50	476.69
	Sub Total		100	830.59	19.07		0.291	50	953.38
PA-11	Commercial	339.90	75	254.93	5.85	0.5	0.127	50	292.61
	Office		25	84.98	1.95	0.2	0.017	50	97.54
	Sub Total		100	339.90	7.80		0.144	50	390.15
PA-12	Industrial	3268.49	100	3268.49	75.03	0.05	0.163	15	1125.51
PA-12 ESMT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**Notes:**

1. Land use and Building square foot values determined in the Traffic Impact Study (provided by FHU).
2. Avg. Daily Flow (GPD/sf) values provided Stan Tec. (See Lift Station analysis)
3. Equivalent Population per acre as City of Aurora Standard.
4. PA-12 to be used as a distribution center.



Porteos Water Calculations Average & Maximum Demand Calculation											
Planning Area	Type of Development	Total Acres	Maximum Building Area (Ac)	AVG Day Demand (gpm/ based on land use)	Avg Day Demand (GPM)	Max Day Demand (gmp/ based on land use)	Max Day Demand GPM	Max Hour Demand (gpm/ based on land use)	Max Hour Demand GPM	Required Fire Flow	Max Day Demand + Fire Flow GPM
PA-1	Mixed Commercial	30.3	9.27	4.52	41.91	2.8	117.35	4.50	188.59	1500	1617.35
PA-2	Mixed Commercial	60.2	13.19	4.52	59.60	2.8	166.87	4.50	268.18	1500	1666.87
PA-3	Mixed Commercial	58.8	17.99	4.52	81.33	2.8	227.72	4.50	365.97	1500	1727.72
PA-4	Industrial	57.9	21.15	1.00	21.15	2.8	59.22	4.50	95.18	1500	1559.22
PA-5	Industrial	111.11	36.57	1.00	36.57	2.8	102.40	4.50	164.57	1500	1602.40
PA-6A	Industrial	155.65	59.52	1.00	59.52	2.8	166.67	4.50	267.86	1500	1666.67
PA-6A ESMT	N/A	16.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PA-6B	Industrial	121.21	45.43	1.00	45.43	2.8	127.19	4.50	204.42	1500	1627.19
PA-6B ESMT	N/A	14.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PA-7	Industrial	79.4	30.37	1.00	30.37	2.8	85.04	4.50	136.67	1500	1585.04
PA-8A	Mixed Commercial	79.3	13.95	4.52	63.05	2.8	176.55	4.50	283.74	1500	1676.55
PA-8B	Mixed Commercial	52.9	9.31	4.52	42.08	2.8	117.83	4.50	189.37	1500	1617.83
PA-9A	Mixed Commercial	45.3	5.20	4.52	23.49	2.8	65.79	4.50	105.73	1500	1565.79
PA-9B	Industrial	15.4	3.25	1.00	3.25	2.8	9.11	4.50	14.64	1500	1509.11
PA-9C	Mixed Commercial	18.8	3.60	4.52	16.25	2.8	45.50	4.50	73.12	1500	1545.50
PA-9D	Mixed Commercial	28.6	5.47	4.52	24.71	2.8	69.19	4.50	111.20	1500	1569.19
PA-10A	Mixed Commercial	59.3	11.34	4.52	51.26	2.8	143.52	4.50	230.66	1500	1643.52
PA-10B	Mixed Commercial	40.4	7.73	4.52	34.94	2.8	97.83	4.50	157.23	1500	1597.83
PA-11	Mixed Commercial	40.8	7.80	4.52	35.27	2.8	98.75	4.50	158.71	1500	1598.75
PA-12	Industrial	166.5	75.03	1.00	75.03	2.8	210.08	4.50	337.64	1500	1710.08
PA-12 ESMT	N/A	19.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**Notes:**

1. Building square foot values determined in the Traffic Impact Study (provided by FHU)