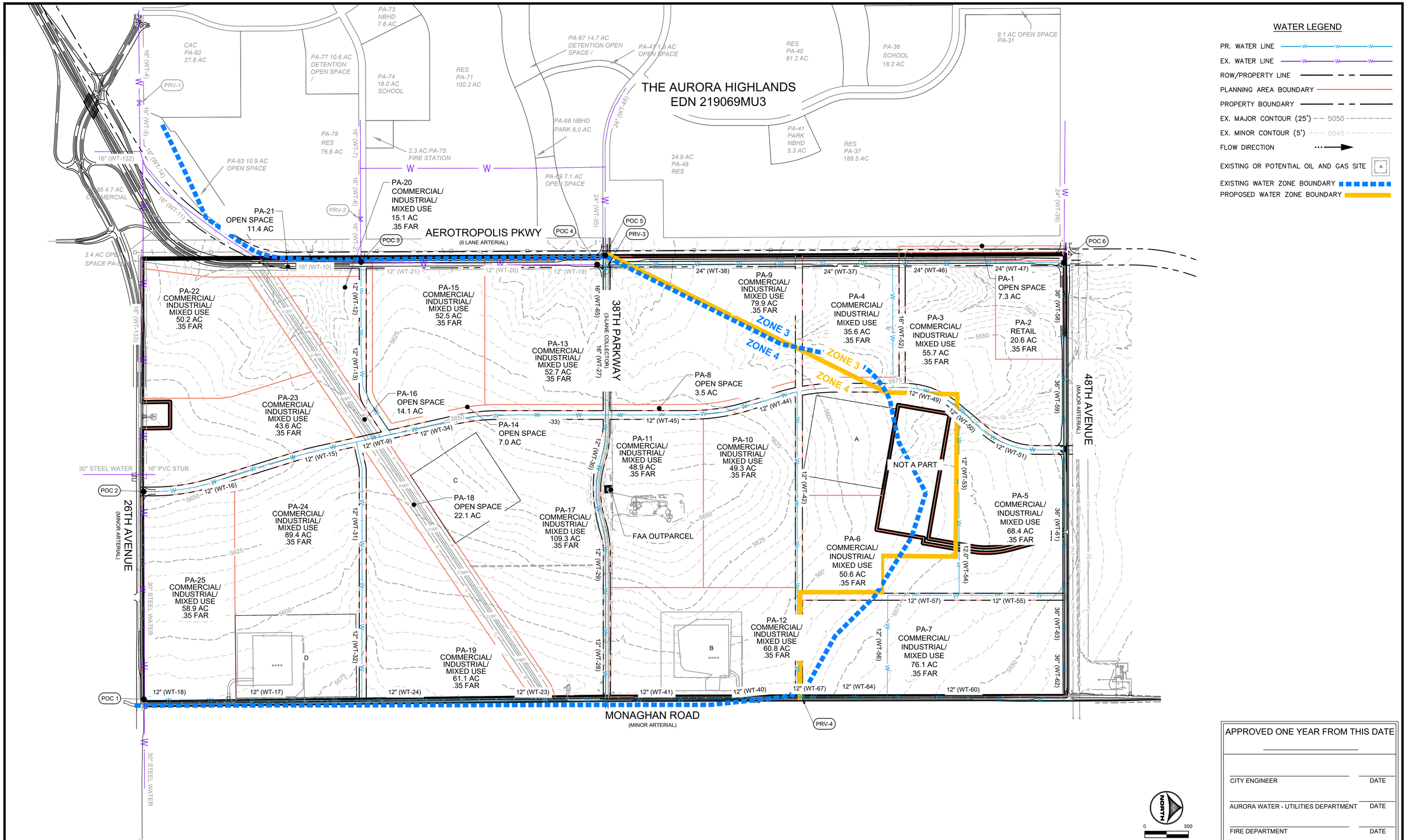

APPROVED ONE YEAR FROM THIS DATE

CITY ENGINEER — DATE

AURORA WATER - UTILITIES DEPARTMENT — DATE

FIRE DEPARTMENT — DATE

DRAWN BY: TMM	JOB DATE: 9/5/2023	BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1"	
APPROVED: KLH	JOB NUMBER: 220475	IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.	
CAD DATE: 9/12/2023			
CAD FILE: J:\2022\220475\CAD\Dwgs\C\MUS\02_OverallUtility			

NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
HR GREEN - DENVER
5613 DTC PARKWAY SUITE 950
DENVER CO 80111
PHONE: 720.602.4999 | TOLL FREE: 800.728.7805
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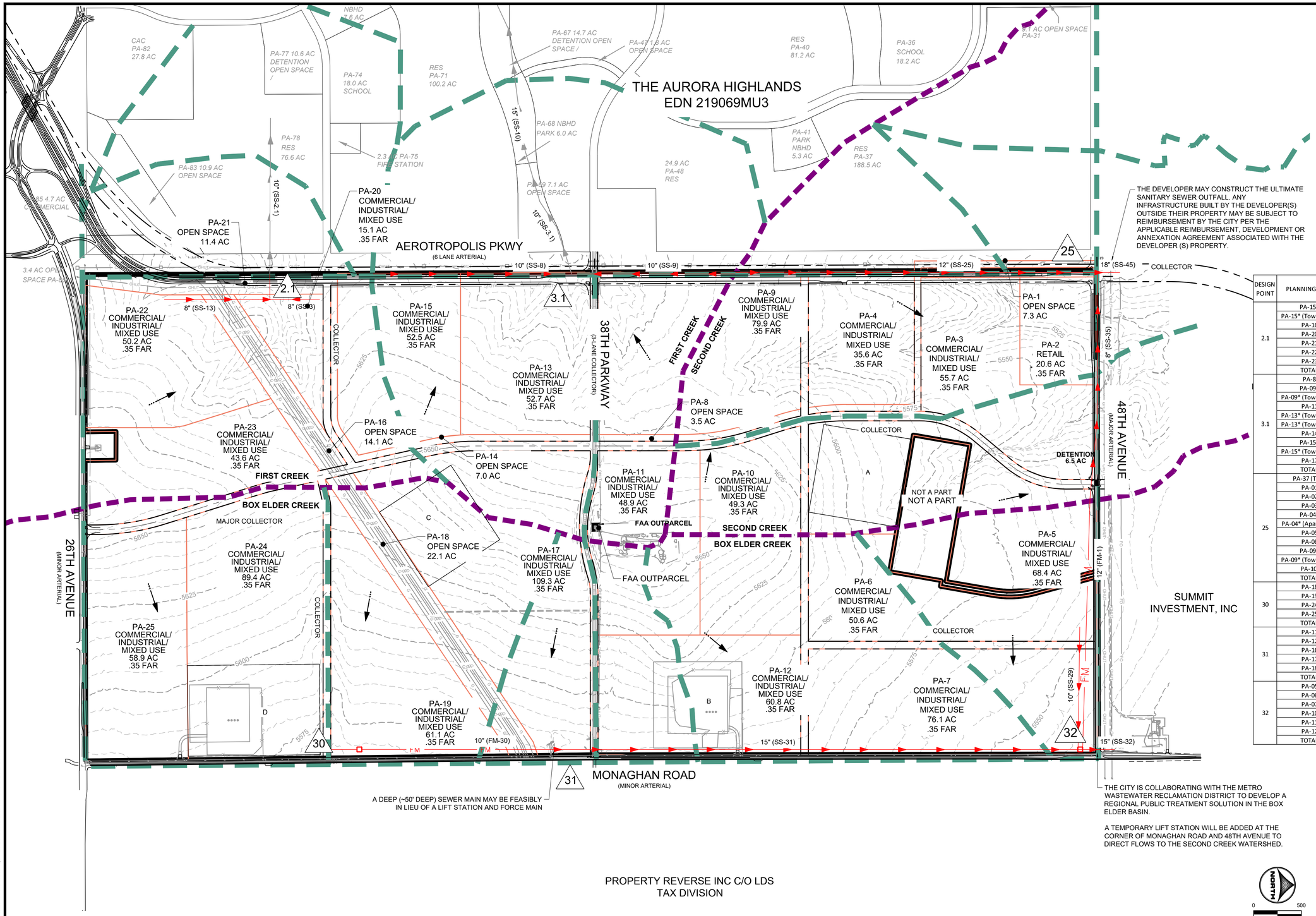
AEROTROPOLIS LOGISTICS CENTER
AEROTROPOLIS INDUSTRIAL HOLDINGS, LLC
AURORA, COLORADO

MASTER DRAINAGE REPORT
OVERALL WATER PLAN

SHEET WT1 01

HR GREEN Xrefs: 01-XV-SURVEY; 01-XC-ROW; xgt-1-DH01; 01-XC-BASINS; 01-XC-UTIL; 01-XC-DSGN-ARTA; 01-KM-MUS-WTR; 01-KM-MUS-SSW; 01-XC-LANDUSE



SANITARY SEWER LEGEND

- PR. SANITARY SEWER LINE — 12"
- EX. SANITARY SEWER LINE
- PR. FORCE MAIN — FM
- ROW/PROPERTY LINE
- PLANNING AREA BOUNDARY
- PROPERTY BOUNDARY
- EX. MAJOR CONTOUR (25') — 5050
- EX. MINOR CONTOUR (5') — 5045
- FLOW DIRECTION
- WATERSHED BOUNDARY
- DEMAND BASIN BOUNDARY
- DESIGN POINT 1
- POTENTIAL OIL AND GAS SITE A

DESIGN POINT	PLANNING AREA	PEAK FLOW (MGD)	ESTIMATED PIPE SLOPE (%)	ESTIMATED PIPE SIZE (IN)	PIPE NAME	ESTIMATED VELOCITY (FPS)	% FULL FLOW
2.1	PA-15*	0.16					
	PA-15* (Townhome)	0.22					
	PA-16	0.00					
	PA-20	0.09	0.40%	8	SS-3	2.01	25.30%
	PA-21	0.00					
	PA-22	0.30	0.40%	8	SS-13	2.8	48.00%
	PA-23	0.26					
	TOTAL	0.87	0.40%	10	SS-2.1	3.57	64.50%
3.1	PA-8	0.00					
	PA-09*	0.19					
	PA-09* (Townhome)	0.26					
	PA-11	0.15	0.40%	10	SS-9	2.27	24.20%
	PA-13* (Townhome)	0.32					
	PA-13* (Townhome)	0.44	0.40%	10	SS-8	3.1	43.10%
	PA-14	0.00					
	PA-15*	0.16					
	PA-15* (Townhome)	0.22					
	PA-17	0.13					
	TOTAL	1.30	0.40%	12	SS-3.1	4.04	61.80%
25	PA-37 (TAH)	0.37					
	PA-01	0.00					
	PA-02	0.12					
	PA-03	0.33	0.40%	8	SS-35	3	51.70%
	PA-04*	0.21					
	PA-04* (Apartment)	0.64	0.40%	12	SS-25	3	40.80%
	PA-05	0.21					
	PA-08	0.00					
	PA-09*	0.29					
	PA-09* (Townhome)	0.40					
	PA-10	0.15					
	TOTAL	1.60	0.40%	18	SS-45	4	37.10%
30	PA-18	0.00					
	PA-19	0.37					
	PA-24	0.54					
	PA-25	0.35					
	TOTAL	1.22	0.40%	12	FM-30	4	59.30%
31	PA-11	0.07					
	PA-12	0.07					
	PA-16	0.00					
	PA-17	0.52					
	PA-18	0.00					
	TOTAL	1.74	0.40%	15	SS-31	4	51.30%
32	PA-05	0.21					
	PA-06	0.30					
	PA-07	0.46					
	PA-10	0.15					
	PA-11	0.07					
	PA-12	0.29					
	TOTAL	2.79	0.40%	15	SS-32	5	70.10%

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