APPENDIX A

Sanitary Demand &
WWTF Capacity Calculations

CROZIER
CONSULTING ENGINEERS

File: 1060-6220
Date: 2023-08-14
By: AM
Check By: JL'A

Glenelg Phase 3 Development (Bradley Street Connection) - Sanitary Design Criteria

Developed Site Area		8.40	ha
Number of Residential Units			
Single Residential		94	units
	TOTAL:	**94**	**units**
Person Per Unit		2.61	persons/unit
Residential Population		245	persons
Institutional Population			
School Students		700	students

Unit Sewage flows

Residential (Per New Development Unit Flow Rates, Triton Engineering (2022))	300	L/C/day
Institutional (Per MOE Sewage Works Design Stds.)	140	L/student/day
Infiltration (typical)	0.15	L/s/ha

Total Design Sewage Flows

Infiltration/Inflow Residential		1.26	L/sec
Average Daily Residential Flow		0.85	L/sec
Residential Peak Factor	(Harmon Formula)	4.11	
Average Daily Institutional Flow		1.13	L/sec
Institutional Peak Factor	(Per MOE Guidelines)	1.50	
Total Peak Daily Flow		**6.47**	**L/sec**

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CONSULTING ENGINEERS

File: 1060-6220
Date: 2023-08-14
By: AM
Check By: JL'A

Glenelg Phase 3 Development (Glenelg Connection) - Sanitary Design Criteria

Developed Site Area		15.29	ha
Number of Residential Units			
Single Residential		207	units
Semi		24	units
Townhouse		75	units
	TOTAL:	**306**	**units**
Person Per Unit		2.61	persons/unit
Residential Population		799	persons

Unit Sewage flows

Residential (Per New Development Unit Flow Rates, Triton Engineering (2022))	300	L/C/day
Infiltration (typical)	0.15	L/s/ha

Total Design Sewage Flows

Infiltration/Inflow Residential	2.29	L/sec
Average Daily Residential Flow	2.77	L/sec
Residential Peak Factor (Harmon Formula)	3.86	
Total Peak Daily Flow	**13.00**	**L/sec**

CROZIER CONSULTING ENGINEERS

Project No.: 1060-5545
File Name: Sanitary Sewer Design
Date: 2022.05.11

GLENELG PHASE 3 RESIDENTIAL DEVELOPMENT - EXTERNAL

DESIGN BY: AM
CHECK: JL'A
SUBMISSION: 3rd FSRSWM

Peak Factor (M) = 1+(14/4+(P/1000)^0.5)
Avg. Daily/Capita Flow = 300 L/cap.d
Q infiltration = 0.15 L/ha.s

N = 0.013
Population = 2.61 p.p.u.

	CATCHMENT AREA	FROM MH	TO MH	LENGTH (m)	INC. AREA (Ha)	CUM. AREA (Ha)	LOTS	INC. POP.	TOTAL POP.	PEAK FACTOR	AVG. FLOW (L/S)	MAX FLOW (L/S)	INFIL. (L/S)	TOTAL INFIL.	COMBINED (L/S)	DIA. (mm)	SLOPE (%)	CAP. (l/s)	VEL. (m/s)
Phase 2	1	SAN7-PH2	SAN6-PH2	13.4	0.18	0.18	3	8	8	4.42	0.03	0.12	0.03	0.03	**0.15**	200	1.00%	**32.80**	1.04
	2	SAN6-PH2	SAN5-PH2	67.3	0.62	0.8	13	34	42	4.33	0.15	0.63	0.12	0.12	**0.75**	200	0.50%	**23.19**	0.74
	3	SAN5-PH2	SAN4-PH2	16.6	0.19	0.99	0	0	42	4.33	0.15	0.63	0.15	0.15	**0.78**	200	0.40%	**20.74**	0.66
	4	SAN4-PH2	SAN3-PH2	96.2	0.63	1.62	9	23	65	4.29	0.23	0.97	0.24	0.24	**1.21**	250	0.30%	**32.57**	0.66
	5	SAN7-PH2	SAN8-PH2	37	0.19	0.19	4	10	10	4.41	0.04	0.16	0.03	0.03	**0.19**	200	1.00%	**32.80**	1.04
	6	SAN8-PH2	SAN9-PH2	67	0.46	0.65	7	18	29	4.36	0.10	0.43	0.10	0.10	**0.53**	200	0.40%	**20.74**	0.66
	10	SAN10-PH2	SAN9-PH2	83.3	0.38	0.38	6	16	16	4.39	0.05	0.24	0.06	0.06	**0.30**	200	1.00%	**32.80**	1.04
	Phase 3	SANPLUG2-PH3	SAN9-PH2		4.71	4.71	106	277	277	4.09	0.96	3.93	0.71	0.71	**4.64**	250	0.30%	**32.57**	0.66
	7	SAN9-PH2	SAN15-PH2	59.7	0.4	6.14	9	23	345	4.05	1.20	4.85	0.92	0.92	**5.77**	200	0.50%	**23.19**	0.74
	8	SAN15-PH2	SAN3-PH2	58.9	0.42	6.56	11	29	373	4.04	1.30	5.23	0.98	0.98	**6.21**	200	0.50%	**23.19**	0.74
	9	SAN3-PH2	SAN2-PH2	80	0.4	8.58	7	18	457	3.99	1.59	6.33	1.29	1.29	**7.62**	250	0.30%	**32.57**	0.66
	11	SAN10-PH2	SAN14-PH2	87.7	0.62	0.62	19	50	50	4.32	0.17	0.74	0.09	0.09	**0.84**	200	1.00%	**32.80**	1.04
	12	SAN14-PH2	SAN2-PH2	54.1	0.39	1.01	12	31	81	4.27	0.28	1.20	0.15	0.15	**1.35**	200	0.50%	**23.19**	0.74
	13	SAN2-PH2	SAN1-PH2	80	0.35	9.94	6	16	553	3.95	1.92	7.59	1.49	1.49	**9.08**	250	0.30%	**32.57**	0.66
	Phase 3	SANPLUG1-PH3	SAN11-PH2		10.58	10.58	200	522	522	3.96	1.81	7.19	1.59	1.59	**8.77**	250	0.30%	**32.57**	0.66
	14	SAN10-PH2	SAN11-PH2	83.3	0.39	0.39	7	18	18	4.39	0.06	0.28	0.06	0.06	**0.34**	200	1.00%	**32.80**	1.04
	19	SANMH13	SAN12-PH2	41.6	0.11	0.11	2	5	5	4.44	0.02	0.08	0.02	0.02					
	17	SAN12-PH2	SAN11-PH2	41.6	0.24	0.24	2	5	5	4.44	0.02	0.08	0.04	0.04	**0.12**	200	1.00%	**32.80**	1.04
	15	SAN11-PH2	SAN13-PH2	88.1	0.62	11.83	15	39	585	3.94	2.03	7.99	1.77	1.77	**9.77**	200	0.50%	**23.19**	0.74
	16	SAN13-PH2	SAN1-PH2	77.7	0.58	12.41	15	39	624	3.92	2.17	8.50	1.86	1.86	**10.36**	200	0.50%	**23.19**	0.74
	18	SAN1-PH2	SAN PLUG1	61	0.34	22.69	6	16	1193	3.75	4.14	15.53	3.40	3.40	**18.93**	250	0.30%	**32.57**	0.66

CROZIER CONSULTING ENGINEERS

Project No.: 1060-5545
File Name: Sanitary Sewer Design
Date: 2022.05.11

GLENELG PHASE 3 RESIDENTIAL DEVELOPMENT - EXTERNAL

DESIGN BY: AM
CHECK: JL'A
SUBMISSION: 3rd FSRSWM

Peak Factor (M) = 1+(14/4+(P/1000)^0.5) **N =** 0.013
Avg. Daily/Capita Flow = 300 L/cap.d **Population =** 2.61 p.p.u.
Q infiltration = 0.15 L/ha.s

	CATCHMENT AREA	FROM MH	TO MH	LENGTH (m)	INC. AREA (Ha)	CUM. AREA (Ha)	LOTS	INC. POP.	TOTAL POP.	PEAK FACTOR	AVG. FLOW (L/S)	MAX FLOW (L/S)	INFIL. (L/S)	TOTAL INFIL.	COMBINED (L/S)	DIA. (mm)	SLOPE (%)	CAP. (l/s)	VEL. (m/s)
Phase 1	14, 15	SANMH13	SANMH6	83.29	1.18	1.18	11	29	29	4.36	0.10	0.43	0.18	0.18	**0.61**	200	1.00%	**32.80**	1.04
	13	SANMH13	SANMH1	93.96	0.6	0.6	14	37	37	4.34	0.13	0.55	0.09	0.09	**0.64**	200	1.00%	**32.80**	1.04
	1	SANMH1	SANMH2	95.07	0.58	1.18	14	37	73	4.28	0.25	1.09	0.18	0.18	**1.26**	200	1.00%	**32.80**	1.04
	All of Phase 2 and some Phase	SANPLUG 1	SANMH2	19	22.69	22.69	0	0	1193	3.75	4.14	15.53	3.40	3.40	**18.93**	250	0.35%	**35.18**	0.72
	2	SANMH2	SANMH3	80	0.79	24.66	12	31	1297	3.72	4.50	16.77	3.70	3.70	**20.47**	250	0.30%	**32.57**	0.66
	16	SANMH14	SANMH6	87.81	0.58	0.58	11	29	29	4.36	0.10	0.43	0.09	0.09	**0.52**	200	1.75%	**43.39**	1.38
	5A	SANMH6	SANMH5A	26.09	0.1	1.86	1	3	60	4.30	0.21	0.90	0.28	0.28	**1.17**	200	0.50%	**23.19**	0.74
	5	SANMH5A	SANMH5	57.2	0.37	2.23	8	21	81	4.27	0.28	1.20	0.33	0.33	**1.53**	200	0.50%	**23.19**	0.74
	4	SANMH5	SANMH4	64.46	0.38	2.61	12	31	112	4.23	0.39	1.65	0.39	0.39	**2.04**	200	0.50%	**23.19**	0.74
	3	SANMH4	SANMH3	64.46	0.26	2.87	7	18	131	4.21	0.45	1.91	0.43	0.43	**2.34**	200	0.50%	**23.19**	0.74
	7	SANMH3	SANMH8	80	0.56	28.09	10	26	1454	3.69	5.05	18.62	4.21	4.21	**22.84**	250	0.30%	**32.57**	0.66
	17	SANMH14	SANMH15	87.66	0.64	0.64	12	31	31	4.35	0.11	0.47	0.10	0.10	**0.57**	200	1.20%	**35.93**	1.14
	18	SANMH15	SANMH16	18.59	0.11	0.75	0	0	31	4.35	0.11	0.47	0.11	0.11	**0.59**	200	1.60%	**41.49**	1.32
	19	SANMH16	SANMH12	66.74	0.43	1.18	4	10	42	4.33	0.15	0.63	0.18	0.18	**0.80**	200	1.24%	**36.52**	1.16
	21	SANMH18	SANMH17	25.8	0.33	0.33	6	16	16	4.39	0.05	0.24	0.05	0.05	**0.29**	200	1.00%	**32.80**	1.04
	20	SANMH17	SANMH12	24.74	0.16	0.49	2	5	21	4.38	0.07	0.32	0.07	0.07	**0.39**	200	0.50%	**23.19**	0.74
	12	SANMH12	SANMH11	58.04	0.34	2.01	6	16	78	4.27	0.27	1.16	0.30	0.30	**1.46**	200	0.40%	**20.74**	0.66
	11	SANMH11	SANMH7	58.03	0.32	2.33	5	13	91	4.25	0.32	1.35	0.35	0.35	**1.70**	200	0.40%	**20.74**	0.66
	6	SANMH5	SANMH7	83.29	0.48	0.48	7	18	18	4.39	0.06	0.28	0.07	0.07	**0.35**	200	2.00%	**46.38**	1.48
	10	SANMH7	SANMH10	76.05	0.46	3.27	13	34	144	4.20	0.50	2.09	0.49	0.49	**2.58**	200	0.40%	**20.74**	0.66
	9	SANMH10	SANMH8	76.05	0.43	3.7	12	31	175	4.17	0.61	2.53	0.56	0.56	**3.09**	200	0.40%	**20.74**	0.66
	8	SANMH8	SANMH9	65.5	0.43	32.22	8	21	1650	3.65	5.73	20.90	4.83	4.83	**25.73**	250	0.30%	**32.57**	0.66
	8A	SANMH9	*SANMH106*	69.95	0.45	32.67	8	21	1670	3.65	5.80	21.14	4.90	4.90	**26.04**	250	0.30%	**32.57**	0.66
External	MH153	*SANMH106*	*SANMH105*	65.85	0.00	32.67	0	0	1670	3.65	5.80	21.14	4.90	4.90	**26.04**	250	0.30%	**32.57**	0.66

NOTE: SANITARY MH 100 SERIES REPRESENT EXTERNAL MANHOLES

CROZIER CONSULTING ENGINEERS

DESIGNED BY: AM
REVIEWED BY: JL'A
DATE: 2023-08-08

DOWN STREAM SANITARY SEWER CAPACITY ANALYSIS - GLENELG PHASE 3

CATCHMENT AREA	FROM MH	TO MH	LENGTH (m)	COMBINED (L/S)	Combined + additional	DIA. (mm)	SLOPE (%)	CAP. (l/s)	VEL. (m/s)	Percent Full
Additional flow coming into MH-32										
From Hwy 10	MH-32	MH-31	93	0	0	250	0.25%	**29.73**	0.61	0%
	MH-31	MH-30	93	0.1	0.1	250	0.26%	**30.32**	0.62	0%
	MH-30	MH-29	99.4	0.5	0.5	250	0.26%	**30.32**	0.62	2%
	MH-29	**MH-88**	105.8	1.2	1.2	250	0.29%	**32.02**	0.65	4%
Additional flow coming into MH-120										
From Braemore St E	MH-120	MH-119	85	0.3	0.3	250	0.28%	**31.47**	0.64	1%
	MH-119	MH-118	71.6	0.3	0.3	250	0.29%	**32.02**	0.65	1%
	MH-118	**MH-88**	10.4	0.4	0.4	250	2.03%	**84.73**	1.73	0%
	MH-88	MH-28	77.1	1.6	1.6	250	0.23%	**28.52**	0.58	6%
	MH-28	MH-27	118.9	1.9	1.9	250	0.42%	**38.54**	0.79	5%
	MH-27	MH-26	118.6	2.2	2.2	250	0.40%	**37.61**	0.77	6%
	MH-26	MH-25	119.5	2.4	2.4	250	0.43%	**39.00**	0.79	6%
	MH-25	MH-22	118.9	2.7	2.7	250	0.45%	**39.89**	0.81	7%
	MH-22	MH-21	118.6	5.6	5.6	250	1.43%	**71.11**	1.45	8%
	MH-21	MH-20	118.3	5.9	5.9	300	0.26%	**49.31**	0.70	12%
	MH-20	**MH-19**	117.7	6.2	6.2	300	0.45%	**64.87**	0.92	10%
Additional flow coming into MH-152										
From Braemore St W	MH-152	MH-146	104.2	0.2	0.2	250	0.42%	**38.54**	0.79	1%
	MH-146	MH-82	74.1	0.4	0.4	250	0.46%	**40.33**	0.82	1%
	MH-82	MH-49	126.2	0.6	0.6	250	0.27%	**30.90**	0.63	2%
	MH-49	MH-48	95.7	0.9	0.9	250	0.22%	**27.89**	0.57	3%
	MH-48	**MH-47**	94.5	1.2	1.2	250	0.33%	**34.16**	0.70	4%
Additional flow coming into MH-134										
From Highpoint St	MH-134	MH-133	38	0.1	0.1	200	1.29%	**37.25**	1.19	0%
	MH-133	MH-130	81.5	0.4	0.4	200	0.59%	**25.19**	0.80	2%
	MH-130	MH-135	94.1	1.2	1.2	200	0.45%	**22.00**	0.70	5%
	MH-135	MH-137	57.1	1.5	1.5	200	0.49%	**22.96**	0.73	7%
	MH-137	MH-138	48.4	1.6	1.6	200	0.37%	**19.95**	0.64	8%
	MH-138	MH-139	99.2	1.6	1.6	200	0.36%	**19.68**	0.63	8%
	MH-139	MH-140	61.5	1.6	1.6	200	0.44%	**21.76**	0.69	7%
	MH-140	MH-141	53.5	1.6	1.6	200	0.41%	**21.00**	0.67	8%
	MH-141	MH-75	14.4	1.6	1.6	200	0.21%	**15.03**	0.48	11%
	MH-75	MH-74	91.4	1.8	1.8	200	0.39%	**20.48**	0.65	9%
	MH-74	**MH-47**	20.7	2.4	2.4	200	0.77%	**28.78**	0.92	8%
	MH-47	MH-46	79.3	3.8	3.8	250	0.42%	**38.54**	0.79	10%
	MH-46	MH-45	71.6	3.9	3.9	250	0.40%	**37.61**	0.77	10%
	MH-45	**MH-19**	124.1	4.1	4.1	250	0.40%	**37.61**	0.77	11%
	MH-19	MH-18	87.8	10.2	10.2	375	0.42%	**113.63**	1.03	9%
	MH-18	**MH-17**	110.6	10.7	10.7	375	0.41%	**112.27**	1.02	10%
Additional flow coming from Glenelg Phase 3					6.5					
From White Rose Phase 3					3.26					
From Bradely St	MH-126	MH-125	64	3.46	9.96	200	0.44%	**21.76**	0.69	46%
	MH-125	MH-124	75	3.66	10.16	200	0.52%	**23.65**	0.75	43%
	MH-124	MH-123	36	3.76	10.26	200	0.42%	**21.26**	0.68	48%
	MH-123	MH-86	43.3	4.36	10.86	200	0.46%	**22.24**	0.71	49%
	MH-86	MH-85	71.9	4.56	11.06	200	0.47%	**22.49**	0.72	49%
	MH-85	MH-80	129.5	4.56	11.06	200	0.41%	**21.00**	0.67	53%
	MH-80	MH-69	112.2	5.46	11.96	200	0.43%	**21.51**	0.68	56%
Toronto Street to Owen Sound Street Leg	MH-69	MH-68	124.7	9.16	15.66	200	0.37%	**19.95**	0.64	78%
	MH-68	MH-67	71	9.56	16.06	250	0.23%	**28.52**	0.58	56%
	MH-67	MH-43	69.8	9.56	16.06	250	0.26%	**30.32**	0.62	53%
	MH-43	MH-42	112.5	9.66	16.16	250	0.38%	**36.66**	0.75	44%
	MH-42	**MH-17**	128.6	10.16	16.66	250	0.43%	**39.00**	0.79	43%
	MH-17	MH-16	93	17.1	23.6	450	0.40%	**180.32**	1.13	13%
	MH-16	**MH-15**	93.9	17.3	23.8	450	0.39%	**178.05**	1.12	13%

CROZIER CONSULTING ENGINEERS

DESIGNED BY: AM
REVIEWED BY: JL'A
DATE: 2023-08-08

DOWN STREAM SANITARY SEWER CAPACITY ANALYSIS - GLENELG PHASE 3

CATCHMENT AREA	FROM MH	TO MH	LENGTH (m)	COMBINED (L/S)	Combined + additional	DIA. (mm)	SLOPE (%)	CAP. (l/s)	VEL. (m/s)	Percent Full
Additional flow coming into MH-153					26.04					
From Glenelg	MH-153	MH-108	65.9	0	26.04	250	0.29%	**32.02**	0.65	81%
	MH-108	MH-107	100	0	26.04	250	0.30%	**32.57**	0.66	80%
	MH-107	MH-105	100	0.1	26.14	250	0.30%	**32.57**	0.66	80%
	MH-105	MH-104	100	0.1	26.14	250	0.30%	**32.57**	0.66	80%
	MH-104	MH-154	92	0.2	26.24	250	0.30%	**32.57**	0.66	81%
	MH-154	MH-51	97	0.2	26.24	250	0.30%	**32.57**	0.66	81%
	MH-51	MH-50	89.6	1.5	27.54	300	0.15%	**37.45**	0.53	74%
	MH-50	MH-38	99.1	1.6	27.64	300	0.22%	**45.36**	0.64	61%
	MH-38	**MH-15**	122.2	1.9	27.94	300	0.36%	**58.02**	0.82	48%
	MH-15	MH-83	71.9	25.6	58.14	525	0.39%	**268.57**	1.24	22%
	MH-83	MH-14	75.9	25.8	58.34	525	0.20%	**192.33**	0.89	30%
	MH-14	MH-13	68	26.4	58.94	525	0.29%	**231.60**	1.07	25%
	MH-13	MH-12	126.2	35.9	68.44	525	0.36%	**258.04**	1.19	27%
	MH-12	MH-11	125.9	36.4	68.94	525	0.37%	**261.60**	1.21	26%
	MH-11	MH-10A	80.2	36.4	68.94	600	0.22%	**288.00**	1.02	24%
	MH-10A	MH-10B	13.3	36.5	69.04	600	0.08%	**173.67**	0.61	40%
From Hanbury St	MH-201	MH-202	100.6	0.3	0.3	200	0.71%	**27.64**	0.88	1%
	MH-202	MH-204	72.5	0.5	0.5	250	0.28%	**31.47**	0.64	2%
	MH-204	MH-205	72.8	0.5	0.5	250	0.27%	**30.90**	0.63	2%
	MH-205	MH206	46.6	0.6	0.6	250	0.28%	**31.47**	0.64	2%
	MH-206	MH-207	104.2	0.7	0.7	250	0.28%	**31.47**	0.64	2%
	MH-207	MH-208	82.3	0.8	0.8	250	0.27%	**30.90**	0.63	3%
	MH-208	MH-10B	82.3	0.8	0.8	250	0.28%	**31.47**	0.64	3%
	MH-10B	MH-9	95.8	37.3	138.88	600	0.22%	**288.00**	1.02	48%
	MH-9	MH-8	92.7	37.4	138.98	600	0.25%	**307.01**	1.09	45%
	MH-8	MH-7	102.7	37.5	139.08	600	0.18%	**260.50**	0.92	53%
	MH-7	MH-6	104.5	37.6	139.18	600	0.14%	**229.74**	0.81	61%
	MH-6	MH-5	99.4	37.7	139.28	600	0.22%	**288.00**	1.02	48%
	MH-5	MH-4	104.6	37.8	139.38	600	0.25%	**307.01**	1.09	45%
	MH-4	MH-3	111.9	37.9	139.48	600	0.18%	**260.50**	0.92	54%
	MH-3	MH-2	106.4	38.1	139.68	600	0.24%	**300.80**	1.06	46%
	MH-2	MH-1	94.8	39.2	140.78	600	0.25%	**307.01**	1.09	46%
Wastewater Treatment Facility	MH-1	WWTF	110	39.3	140.88	600	0.19%	**267.64**	0.95	53%

CROZIER CONSULTING ENGINEERS

Project: Glenelg Phase 3
Project No.: 1060-6220
Date: 11-Aug-23
By: AM
Check: JL'A

Dundalk Sanitary Capacity Evaluation

DESCRIPTION	MARCH 2023	POST WWTF UPGRADES	UNITS
Available Capacity	1,832	3,025	m^3/day
Average Day Flow	1,124	1,124	m^3/day
Reserve Capacity	708	1,901	m^3/day
Serviced Households	1,487	1,487	ERUs
Persons Per New **Equivalent Residential Unit** (2022 DC Background Study)	2.61	2.61	Persons
Average New Development Per Capita Flow	0.300	0.300	m^3/day
Equivalent Flow Per Residential Unit	0.783	0.783	m^3/day
Additional ERUs that can be serviced	**905**	**2427**	**ERUs**

TOTAL EQUIVALENT RESIDENTIAL UNIT (ERU) SUMMARY OF OCCUPIED, COMMITTED AND UNCOMMITTED UNITS

DEVELOPMENT	OCCUPIED UNITS 2022	REMAINING UNITS AT END OF 2022	UNCOMMITTED UNITS (ERUs)
White Rose (Phase 1& 2)	3	0	0
White Rose (Phase 3)	0	30	0
Flato West Block 75	21	35	0
Flato North (Phase 3)	4	0	0
Flato North (Phase 4)	22	0	0
Flato North (Phase 5)	49	0	0
Flato North (Phase 6)	48	0	0
Flato East (Phase 7, 8 & 10)	0	188	0
Flato East (Phase 11)	0	173	0
Flato East (Phase 11 - Block 344)	0	29	0
Glenelg (Phase 1)	31	152	0
Annual Infill Lots	0	5	0
TOTAL COMMITTED UNITS 2023	**178**	**612**	
White Rose (Phase 3)	0	0	47
Flato East (Phase 9)	0	0	47
Glenelg (Phase 2)	0	0	155
Glenelg (Phase 3)	0	0	400
Flato North West (Ida)	0	0	250
TOTAL UNCOMMITTED UNITS			**899**
Uncommitted Reserve Capacity ERUs in 2023			**293**
Total Number of Available ERUs Upon Completion of WWTF Upgrades			**2427**
Total Projected ERUs of Reserve Capacity Available Upon Occupation of Committed Units			**1815**
Projected ERUs of Reserve Capacity Available Upon Occupation of The Above Uncommitted Units			**916**