Engineers...Working Wonders With Water®

THS	_ DATE_1/19/15 CLIENT_ <u>SANTA BARBARA</u> SHEET_1_OF_2 _ DESCRIPTION_INTAKE_IMPAKTS_PER_1994_FE_IRJOB NO
IKD. BY	_ DESCRIPTION INTREE IMPACTS PEE 1999 TETR JOB NO
REF. 1994 FEI GIVEN: 1 Ma	R, APPENDIX D, pg. 36 DETALITY 1.8×10 ² TO 2.1×10 ⁶ CM ³ PUNKTON (PER 1994 FEIR) GP THIS IS THE BASIS OF THE LESS THAN SIGNIFICANT
	IMPACT
(2) Ave Be	EAGE PUNCTON VOLUMES COLLECTED OFF ORMOND BEACH TWEEN 1982 - 1984: 100 CM3 PLANKTON to 1,200 CM3 PLANKTON 1000 M3 SEMATER to 1,200 1000 M3 SEMATER
	(PER 1994 FEIR)
(3) Max	MUM SELWATER INTAKE FLOW @ 10,000 AFY = 15,898gps La 10,000 AFY W/ ONE FILTER IN BACKWASH
	15,898 gpm = 22.91 MGD Lp NOTE 1994 FEIR SAYS 500,000 gnum
	PER DAY - HOWEVER - SEE FOLLOWING CALCS.
	APACT BASED ON 22.91 MGD
22.91* DAY	106 GAL M3 1200 CM3 PLANKTOD 26417 GAL 1000 M3 STAWATER
	= 104,059 CH3 PLANKTON MAXIMUM
<u>22,91 *1</u> ÞAY	06 GAC M3 100 CM3 PLANKTON 264.17 GAL 1000 M3 Seawares
	= 8,672 CM3 PUNCTOR MINHMOM

.



	IF)				_ L	AIE -	11	171	15		CLIE	NT_	/	AU	A	DAK	SA	EN			5	IEE I	Game		OF
IKD.	By	by							2	AKE	IMPACT			Pr	ER	1994 FEIR					SHEET_2_OF_2 JOB NO				
					_	1				1	1		_			_			1	1					
		A											~		7		7					-	(-	CM	3 PLANK
		A	ctui	4L	M	DRIV	9L 1°	TY	R	N)6	E		81	61	+2	XLC	2	TO	0	, 10	14 ×	e 10	9.	-	B PLANK
																								+	17 Y
	0			D		-			0	, -	2-		2				1. 1		06		-				
	6	3		S	EO	405	SE		9	6.	tΖ	*10	5		16	0	104	+ *1	0		S		WI	HIN	
	-										_						-						CM-	3 P	AVKTO
							TH	E	EN	VELC	PE	. 0	F		.8	¥10	5	TO	2	.1 *	-10	6		83	AV
																								par.	~ /
				-7	71-	-				-	1	-							-		- 1	5	- 7		
				1	HE	-	IM	PA	a	/	2	2	110	an-	LE	22	Th	m	DI	SNI	FIC	w	1 ,		
		_																							
			-																						
											-						1			1				-	
		-									-				-										
											-														
-																				-					
		-									_														
1			-																						
					_						-	-							_						
-							1									_									
																-									
																	-								
		-											-			-	-							+	
-											-														
											-			-			-								
		-									1						_								
-						-			+								1			-				-	
	1.1		1				1 1				1				1							1	1.1		

.