ENVIRONMENTAL CHEMISTRY & MICROBIOLOGY LABORATORY REPORT

CHEMICAL ANALYSIS - WATER TREATMENT PLANTS

MCBCL 11330/3 (REV. 11-87)

Test Wells

DATE COLLECTED	DATE(S) ANALYZED
1-24-90	1-26-90

PARAMETER (UNITS) \ PLANT	# 2 [redacted]	# 3 [redacted]	# 4 [redacted]	# 5 [redacted]	RIFLE RANGE 04-67-047	ONSLOW BEACH 04-67-048			
PH-LABORATORY	7.61	7.84	8.37	7.86					
STABILITY	—	—	—	—					
PHENOLTHALEIN ALKALINITY (PPM)	0	0	8	0					
METHYL ORANGE ALKALINITY (PPM)	164	188	164	114					
CARBONATES AS CACO 3 (PPM)	0	0	16	0					
BICARBONATES AS CACO 3 (PPM)	164	188	148	114					
CHLORIDES AS CI (PPM)	18	12	14	20					
HARDNESS AS CACO 3 (PPM)	160	168	76	92					
IRON AS FE (PPM)	Down	→	→	→					
FLOURIDE (PPM) AM / PM	0.12 /	0.23	0.30 /	0.22					
TURBIDITY (NTUS) AM / PM	Down →	→	→	→					
CHLORINE RESIDUAL (PPM)	→	→	→	→					

REMARKS:

CLW

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REPORT DATE: 1-26-90

REPORT PREPARED BY: Robert G. Dapper

COPY TO:

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- ☑ WATER TREATMENT, UTIL DIV. BMD
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ENVIRONMENTAL CHEMISTRY & MICROBIOLOGY LABORATORY REPORT

WATER TREATMENT CHEMICAL ANALYSIS WORKSHEET

MCBCL 11330/19 (REV. 12/87)

FILE 11332/1

DATE COLLECTED: 1-24-90

Test Wells

PARAMETER	#2 HADNOT POINT	#3 NEW RIVER	#4 HOLCOMB BLVD	#5 COURT HOUSE BAY	RIFLE RANGE	ONSLOW BEACH	_____	_____	QUALITY CONTROL	INITIALS
pH									METER:	8.9 / 12.2
STABILITY pHs / pH-pHs	/	/	/	/	/	/	/	/	pH4:	
PHENOLTHALEIN ALKALINITY ML / MLx20	0 / 0	0 / 0	4 / 8	0 / 0	/	/	/	/	pH9:	
METHYL ORANGE ALKALINITY ML / MLx20	8.2 / 164	9.4 / 188	8.2 / 164	5.7 / 114	/	/	/	/		
CARBONATES AS $CaCO_3$	0	0	16	0						
BICARBONATES AS $CaCO_3$	164	188	148	114						
CHLORIDES AS C1 ML 0.8 / MLx20	1.7 / 18	1.4 / 12	1.5 / 14	1.8 / 20	/	/	/			
HARDNESS AS $CaCO_3$ ML / MBLx20	8.0 / 160	8.4 / 168	3.8 / 76	4.6 / 92	/	/	/			
IRON AS Fe	Down									
FLUORIDE	0.12	0.19	0.30	0.23						
TURBIDITY	Down									
CHLORINE RESIDUAL									WTP OPERATOR TOOK READING UPON COLLECTION	

REMARKS:

Robert G. Dapper

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