

5. Date Jun 23 71 (Office use only)
 mo day yr

6. Check type of application: a. Original b. Revision 7. Number of original application
 None

8. Name of facility where discharge or construction will occur.
Montford Point Water Plant {Bldg. M-17A}
{Zeolite softener process}

9. Full mailing address of facility named in item 8 above.
Marine Corps Base
Camp Lejeune, North Carolina 28542

10. Names and mailing addresses of all adjoining property owners whose property also adjoins the waterway.

11. Check to indicate the nature of the proposed activity:
 a. Dredging b. Construction c. Construction with Discharge d. Discharge only

12. If activity is temporary in nature, estimate its duration in months.

If application is for a discharge:

13. List intake sources

Source	Estimated Volume in Million Gallons Per day or Fraction Thereof
Municipal or private water supply system	---
Surface water body	---
Ground water <u>Deep wells</u>	0 6
Other	---

14. Describe water usage within the plant

Type	Estimated Volume in Million Gallons Per day or Fraction Thereof
Cooling water	---
Boiler Feed water	---
Process water <u>Filter backwash</u>	0 1
Sanitary system*	0 1
Other	---

15. List volume of discharges or losses other than into navigable waters.

Type	Estimated Volume in Million Gallons Per day or Fraction Thereof
Municipal waste treatment system	---
Surface containment	---
Underground disposal	---
Waste Acceptance firms	---
Evaporation	---
Consumption	---

* Indicate number employees served per day _____

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22.

PHYSICAL DESCRIPTION OF INTAKE WATER AND DISCHARGE

Intake	Discharge				(Office use only)		
	UNTREATED INTAKE WATER	TREATED INTAKE WATER	AVERAGE (DAILY)	MINIMUM (OPERATING YEAR)	MAXIMUM (OPERATING YEAR)	SAMPLE FREQUENCY	CONTINUOUS MONITORING
Parameter and (Code)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Flow (Gallons per day) 00056	575,000	None	40,000	32,000	48,000	DYLY	ABS
pH 00400	7.5		8.3	8.3	8.3	"	
Temperature (Winter) (°F) 74028	60		Ambient	Ambient	Ambient		
Temperature (Summer) (°F) 74027	60		"	"	"		

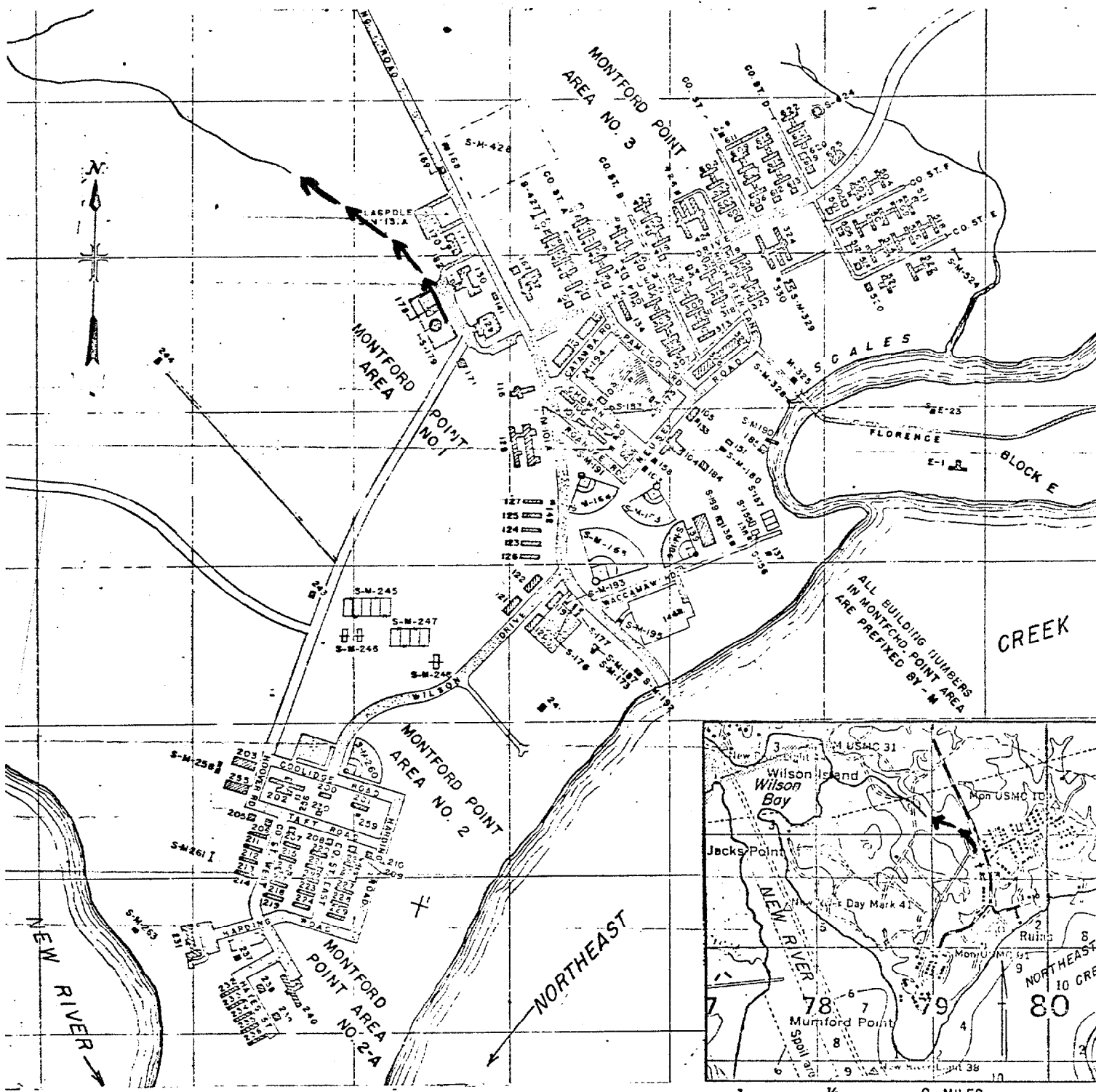
23.

DISCHARGE CONTENTS

PARAMETER	PRESENT	ABSENT	PARAMETER	PRESENT	ABSENT	PARAMETER	PRESENT
Color 00080	X		Aluminum 01105		X	Nickel 01067	
Turbidity 00070	X		Antimony 01097		X	Selenium 01147	
Radioactivity 74050		X	Arsenic 01002		X	Silver 01077	
Hardness 00900	X		Beryllium 01012		X	Potassium 00937	
Solids 00500	X		Barium 01007		X	Sodium 00929	X
Ammonia 00610		X	Boron 01022		X	Titanium 01152	
Organic Nitrogen 00605		X	Cadmium 01027		X	Tin 01102	
Nitrate 00620		X	Calcium 00916	X		Zinc 01092	
Nitrite 00615		X	Cobalt 01037		X	Alcicides 74051	
Phosphorus 00665		X	Chromium 01034		X	Oil and Grease 00550	
Sulfate 00945		X	Copper 01042		X	Phenols 32730	
Sulfide 00745		X	Iron 01045	X		Surfactants 38260	
Sulfite 00740		X	Lead 01051		X	Chlorinated Hydrocarbons 74052	
Bromide 71870		X	Magnesium 00927		X	Pesticides 74053	
Chloride 00940	X		Manganese 01055		X	Fecal Streptococci Bacteria 74054	
Cyanide 00720		X	Mercury 71900		X	Coliform Bacteria 74056	
Fluoride 00951		X	Molybdenum 01062		X		

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500 0 500 1000 1500 2000 2500
SCALE OF FEET

1 1/2 0 MILES
SCALE 1:50,000

FROM AMS SERIES V742
SHEET 5553 111

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000000119

WATER SOFTENING PLANT WASTE DISCHARGE
in Branch tributary to Wilson Bay
at Camp Lejeune - Montford Point Area
County of Onslow, State North Carolina
Application by Commanding General
Sheet 1 of 1 23 June 1971 Date