

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

8. Name of facility where discharge or construction will occur.
Hadnot Point Water Plant (Bldg. 203
{Lime Treatment Process}

9. Full mailing address of facility named in item 8 above.
Marine Corps Base
Camp Lejeune, N. C. 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>	<u>4.50</u>
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>	<u>0.8</u>
Sanitary system*	<u>1</u>
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 <u>N/A</u>	_____
Evaporation	_____
Consumption	_____

* Indicate number employees served per day

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SECTION II. PLANT PROCESS AND DISCHARGE DESCRIPTION

1. Discharge described below is a. Present <input checked="" type="checkbox"/> b. Proposed new or changed <input type="checkbox"/>	2. Implementation schedule <input type="checkbox"/>	(Office use only)
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Name of corporate boundaries within which the point of discharge is located.			6. Discharge Serial No.
State	County	City or Town	
3. <u>North Carolina</u>	4. <u>Onslow</u>	5. <u>Camp Lejeune</u>	

State the precise location of the point of discharge. 7. Latitude <u>34</u> Degrees; <u>39</u> Min; <u>50</u> Sec. 8. Longitude <u>77</u> Degrees; <u>21</u> Min; <u>00</u> Sec.	9. Name of waterway at the point of discharge. <u>Branch tributary to New River</u>
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10. Has application for water quality certification or description of impact been made? If so, give date:		
Date	Check if certificate is attached to form <input type="checkbox"/>	Name Issuing Agency
___ mo ___ day ___ yr	No	

11. Narrative description of activity (include terms of general 4-digit Standard Industrial Classification, and specific manufacturing process).

This activity is a water softening plant which provides a potable water supply for the area. Softening is accomplished by the cold lime treatment process. Waste from the process consists of filter backwash for residual calcium carbonate removal.

12. Standard industrial classification number.	13. Principal product. <u>Water Treatment and Distribution {Potable Water}</u>	14. Amount of principal product produced per day. <u>4,500,000</u>
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15. Principal raw material. <u>Water {Raw}</u>	16. Amount of principal raw material consumed per day.	17. Number of batch discharges per day. <u>1 Filter backwash</u>
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18. Average gallons per batch discharge. <u>75,000</u>	19. Date discharge began. ___ mo ___ day <u>42</u> yr	20. Date discharge will begin. ___ mo ___ day ___ yr
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21. Describe waste abatement practices.

Waste abatement practice per se is considered unnecessary for this because: {1} The material is innocuous; {2} It virtually loses its identity prior to reaching the receiving stream; {3} It creates no nuisance in the receiving stream; {4} Its thermal quality is ambient prior to reaching the receiving stream.

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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	DISCHARGE SERIAL NO.	
Parameter and (Code)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
Flow (Gallons per day) 00056	4,500,000	None	75,000	75,000	75,000	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		"	"	"			

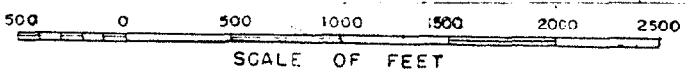
23. DISCHARGE CONTENTS

PARAMETER	PRESENT	ABSENT	PARAMETER	PRESENT	ABSENT	PARAMETER	PRESENT	ABSENT
Turbidity 00070	X		Antimony 01097		X	Selenium 01147		X
Radioactivity 74050		X	Arsenic 01002		X	Silver 01077		X
Hardness 00900	X		Beryllium 01012		X	Potassium 00937		X
Solids 00500	X		Barium 01007		X	Sodium 00929	X	
Ammonia 00610		X	Boron 01022		X	Titanium 01152		X
Organic Nitrogen 00605		X	Cadmium 01027		X	Tin 01102		X
Nitrate 00620		X	Calcium 00916	X		Zinc 01092		X
Nitrite 00615		X	Cobalt 01037		X	Algicides 74051		X
Phosphorus 00665		X	Chromium 01034		X	Oil and Grease 00550		X
Sulfate 00945		X	Copper 01042		X	Phenols 32730		X
Sulfide 00745		X	Iron 01045	X		Surfactants 38260		X
Sulfite 00740		X	Lead 01051		X	Chlorinated Hydrocarbons 74052		X
Bromide 71870		X	Magnesium 00927		X	Pesticides 74053		X
Chloride 00940	X		Manganese 01055		X	Fecal Streptococci Bacteria 74054		X
Cyanide 00720		X	Mercury 71900		X	Coliform Bacteria 74056		X
Fluoride 00951	X		Molybdenum 01052		X			

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FROM AMS SERIES V742
SHEET 5553 111



WATER SOFTENING PLANT WASTE DISCHARGE
in Branch tributary to New River
at Camp Lejeune - Hadnot Point Area
County of Onslow, State North Carolina
Application by Commanding General
Sheet 1 of 1 23 June 1954 **0000000115**