11330.6 CORROSIVITY AND SODIUM

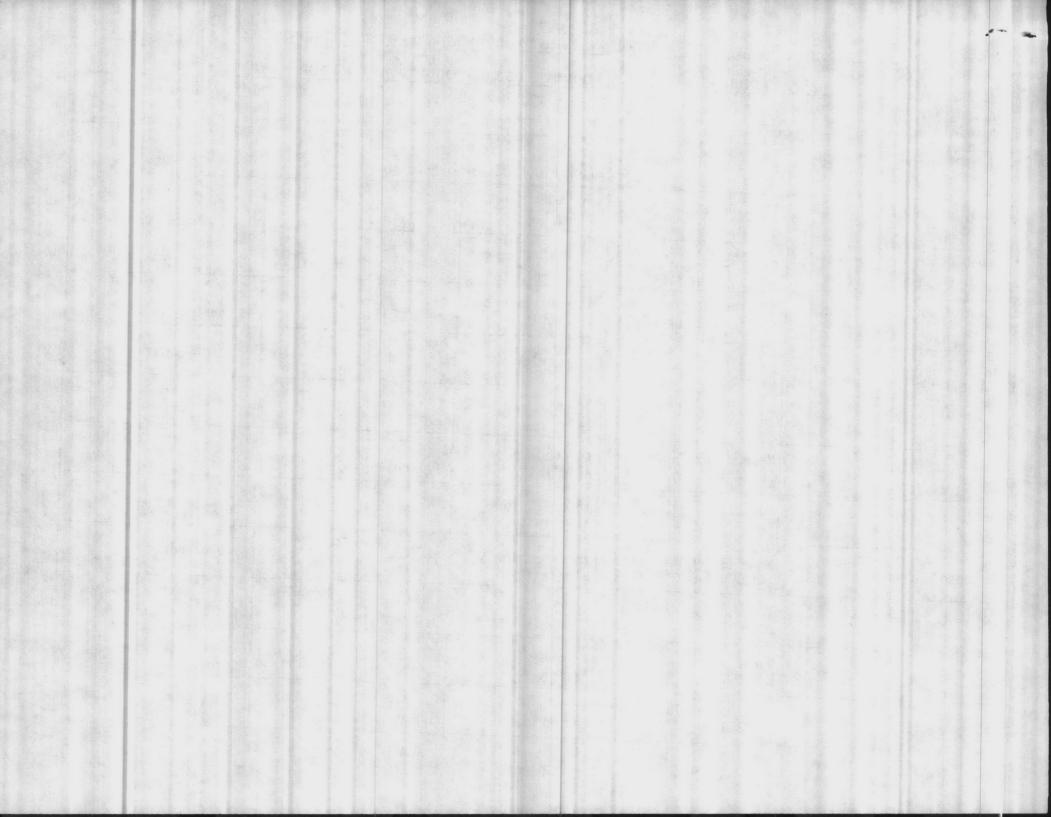
OPEN

CLOSED

TEMP. SECNAVINST 5212.5B, Part II Chap. 11, par. 11330(2) 2 years

. Water Plant
SHOP: Holcolm Blvd. Bldg. 670 POINT OF CONTACT: B. M. Frazelle, II 5988 ORGANIZATION: Utilities, Base Maintenance PATE OF USE

GMATERITE		PRODUCT USE	QUANTITY ON HAND	RATE OF USE
N/MANUFACTURER,	ADDRESS	PRODUCT OSB		1000 pounds per million
vdrated Lime enn-Luttrell Co.	P.O.Box 69 Luttrell, Tenn 37779	Lime Softening	Two 40 ton bulk tanks	gallons of water
odium Fluoride utech Chem, Inc.	10 Pattonson Ave	Water Fluoridation	3 to 5, 100 lb. bags or 125 lb. drums	Naintain 1 ppm in water distribution
odium Hydroxide 50% austic Soda	120 Long Ridge Road Stanford, Conn.06904	pH Control (Pools)	Storage 5 - 10 drums	as needed .
lin ydrochloric Acid(Muriatic) astman Kodak Co.	343 State State	pH Control (Pools)	Storage 4 - 5 drums	as needed
alcium Hypochlorite HtH lin	120 Long Ridge Road- Stanford, Conn.06904	Water Disinfectant for pools	one 100 lb.drum(storage)	As needed
iquid Chlorine CP Chemicals	Raritan Plaza Edison,N.J.	Water chlorination	2 cylinders	20-25 lbs per day
REAGENTS				
Sulfuric Acid 0.020 N	Made up by laboratory NREAD	to check for alkalinity	1/2 gallon	2.4 oz per day
Phenolphathalein	Made up by laboratory NREAD	to check for alkalinity	4 ounces	.5 oz. per day
Bromcresol Green	Made up by laboratory	to check for alkalinity	16 ounces	1.0 oz per day
EDTA Titrant	Made up by laboratory	to check for hardness	1/2 gallon	1.5 oz per day
Borax Sulfide	Made up by Laboratory NREAD	Hardness Buffer	5 ounces	1.0 oz. per day
Tisab	Made up by laboratory	To check for fluoride	1/2 gallon	32 ounces per month



Water Plant
SHOP: 83, Holcomb.Blvd. 670 POINT OF CONTACT: B.M.Frazelle, II 5988 V. 3 ORGANIZATION: Utilities, Base Maintenance PATE OF USE

NSN/MANUFACTURER	ADDRESS	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
DPD Tablets Orbeco Analytical Systems	185 Marine Street Farmingdale,N.Y.11735	To check fluoride	1 case	24 tablets per day
Eriochrome Black Hardness Powder	Made up by laboratory NREAD	Hardness Indicator	1.0 oz.	0.4 oz./wk
Flouride Standard 1 & 2	Made up by Lab, NREA	To check flouride	½ Gal.	60 oz./mo.
oH Buffer	Made up by Lab, NREA	To check pH	16 oz.	16 oz./mo
Phenol Red	Made up by Lab, NREA	To check pH in Pools	*5 oz.	5 oz./mo
Orbeco Analysis Systems				
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POINT OF CONTACT: B. M. Frazelle, II

ORGANIZATION: Utilities, Base Maintenance

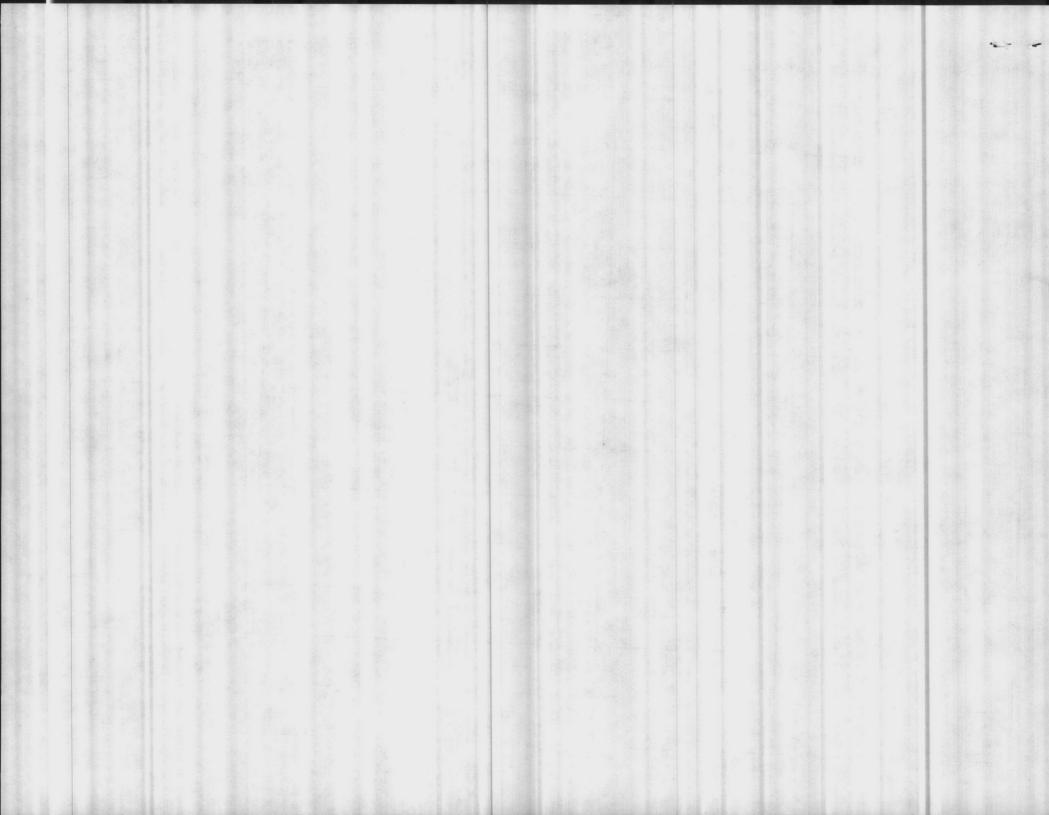
SHOP: AS-110

SN/MANUFACTURER	ADDRESS	TROBUGE	QUANTITY ON HAND	RATE OF USE 1,000 lbs. per.million
ydrated Lime enn-Luttrell Company	P.O. Box 69 Luttrell, TN 37779	Lime Softening	40 Tons Bulk Tank	gallon of water
hlorine	New Bern, N.C.	Water Chlorination	Two, 1 Ton Cylinders	15 - 25 lbs. per. day
outh Chem EAGENTS				
Sulfuric Acid	Made up by laboratory	to check for alkalinity	1 gallon	7.0 oz. per day
Phenolphathalein	Made up by laboratory	to check for alkälinity	· 5 ounces	1.0 oz. per day
Bromcresol Green	Made up by laboratory	to check for alkalinity	32 ounces .	1.0 oz. per.day
EDTA Titrant	Made up by laboratory	to check for hardness	1/2 gallon	1.5 oz. per. day
Borax Sulfide	Made up by laboratory	Hardness Buffer	5 ounces	1.0 oz. per. day
Eriochrome Black	Made up by laboratory	y Hardness Indicator	1.0 ounces	0.4 oz. per. day
Hardness Powder DPD Tablets	185 Marine Street Farmingdale, N.Y. 117	To check 35 Chlorine Residual	10 Boxes	24 Tablets per. day
Orbeco Analytical Systems pH Buffer	Made up by laborator		16 ounces	16 oz. per month
Calcium Carbonate	Made up by laborator	To check stability	1/2 pound	1.0 oz. per. day
Silver Nitrate	Made up by laborator	To check Chlorid in water	e 32 ounces	10 oz. per. month



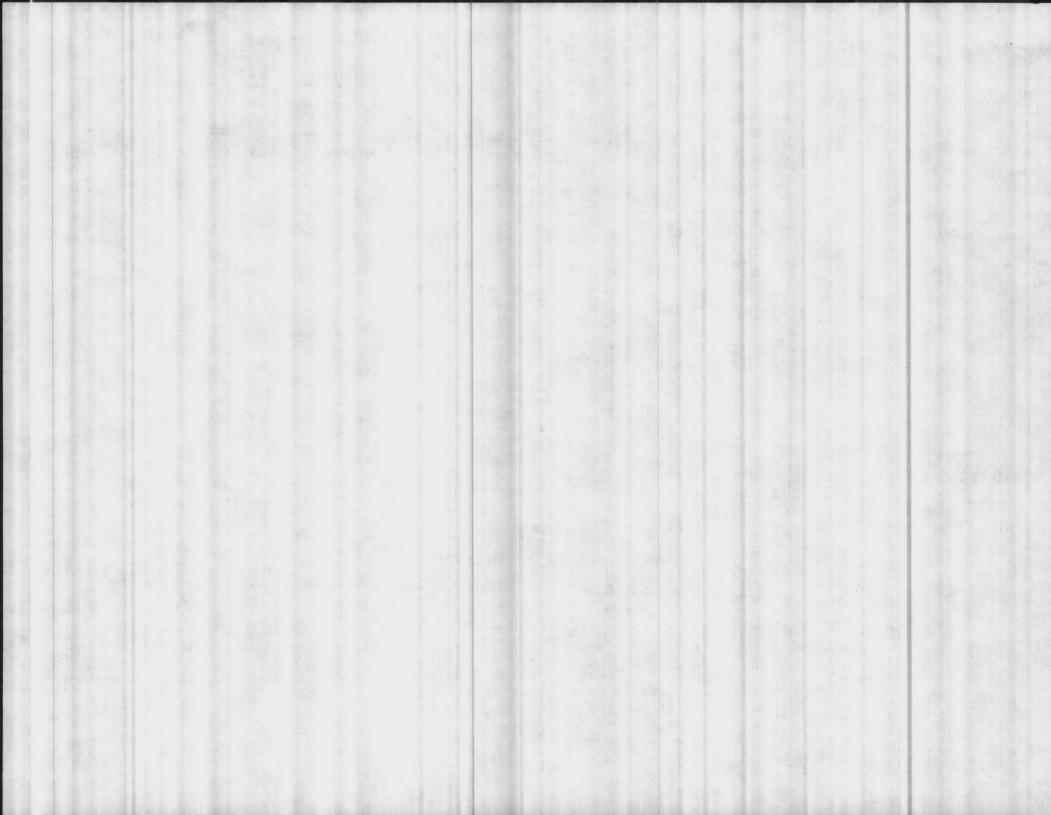
ORGANIZATION: Utilities, Base Maintenance SHOP: AS-110 POINT OF CONTACT: B. M. Frazelle, II

	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
Made up by laboratory	To check Chloride	2 ounces	0.5 oz. per. week
Made up by laboratory	To check flouride	1/2 gallon	90 oz. per. month
	To check for fluoride	1/2 gallon	32 oz. per. month
	-		
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	Made up by laboratory NREAD Made up by laboratory NREAD Made up by laboratory NREAD	Made up by laboratory To check Chloride NREAD Made up by laboratory To check flouride NREAD Made up by laboratory To check for fluoride Made up by laboratory To check for fluoride	Made up by laboratory To check Chloride 2 ounces Made up by laboratory To check flouride 1/2 gallon Made up by laboratory To check for fluoride 1/2 gallon Made up by laboratory To check for fluoride 1/2 gallon Made up by laboratory To check for fluoride 1/2 gallon



ORGANIZATION: Utilities, Base Maintenance SHOP: Water Plant M-178 POINT OF CONTACT: B. Frazelle, II

/MANUEACHUDED	ADDRESS	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
CP Chemicals, Chlorine	Raritan Plaza II Edison, NJ	Water Chlorination	n 3 Cylinders	4 to 10 lbs/day
Polyphosphate	P.O.Box 3897 Wilson, N.C. 27895	(non hazardous) Softning Water	3-40 gallon drum	Maintain 1 ppm Ortho Phosphate
Sodium Chloride,Rock Salt International Salt Co.	Abington Executive Pk. Clarks, Summit Pa 1841	Water Softener	44 Ton Bulk Storage	As Needed
REAGENTS				
EDTA Titrant	Made up by Lab, NREA	To check hardness	. 2 quarts	0.5 oz/day .
Borax Sulfide	Made up by Lab, NREA	Hardness Buffer	4 OZ.	0.2 oz/day
Potassium Chromate	Made up by Lab,NREA	Chloride Indicate	or 1 oz.	0.1 oz/day .
Silver Nitrate	Made up by Lab, NREA	To check chloride content in water	e 1 pint	2 oz./day
Orbeco Anaysis System	185 Marine Street Farmingdale,NY 11735	. To check Cl ₂	3 boxes	10 tablets/day
DPD Tablets Eriochrome Black T Hardness Indicator Powder	Made up by Lab, NREA	Hardness indicat		0.1 oz/day
naruness marcador residen				

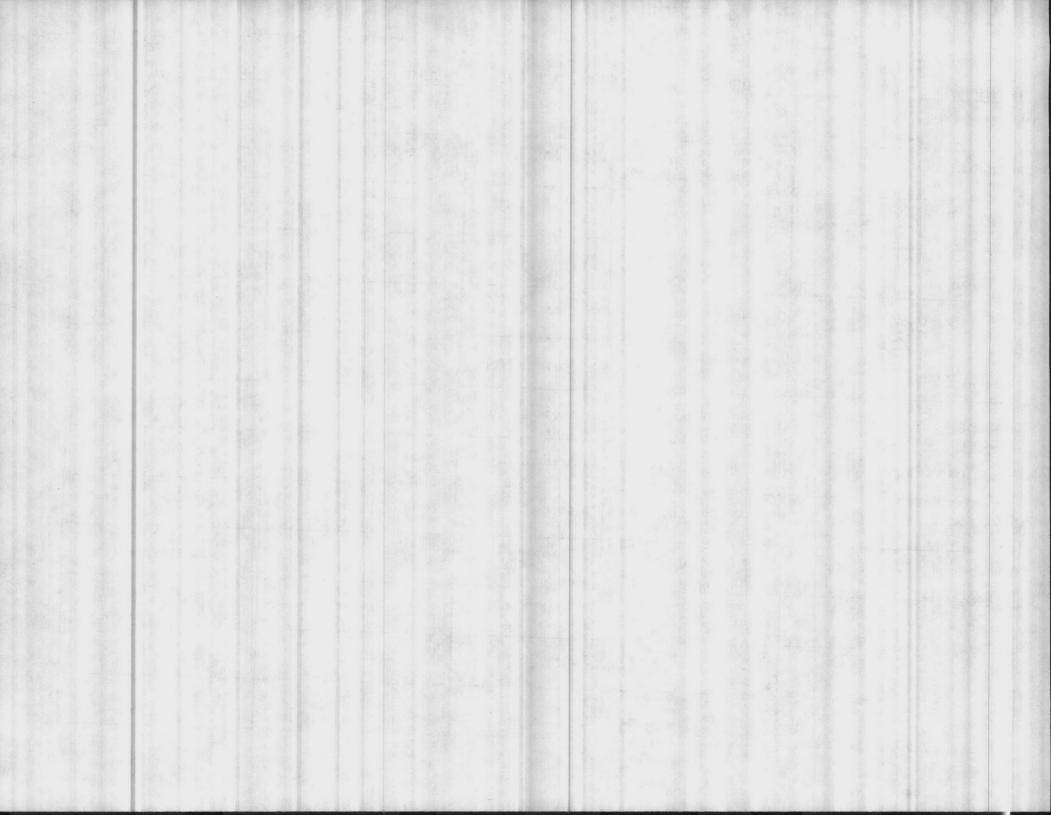


ORGANIZATION: Utilities, Base Maintenance

SHOP: Water Plant RR-85

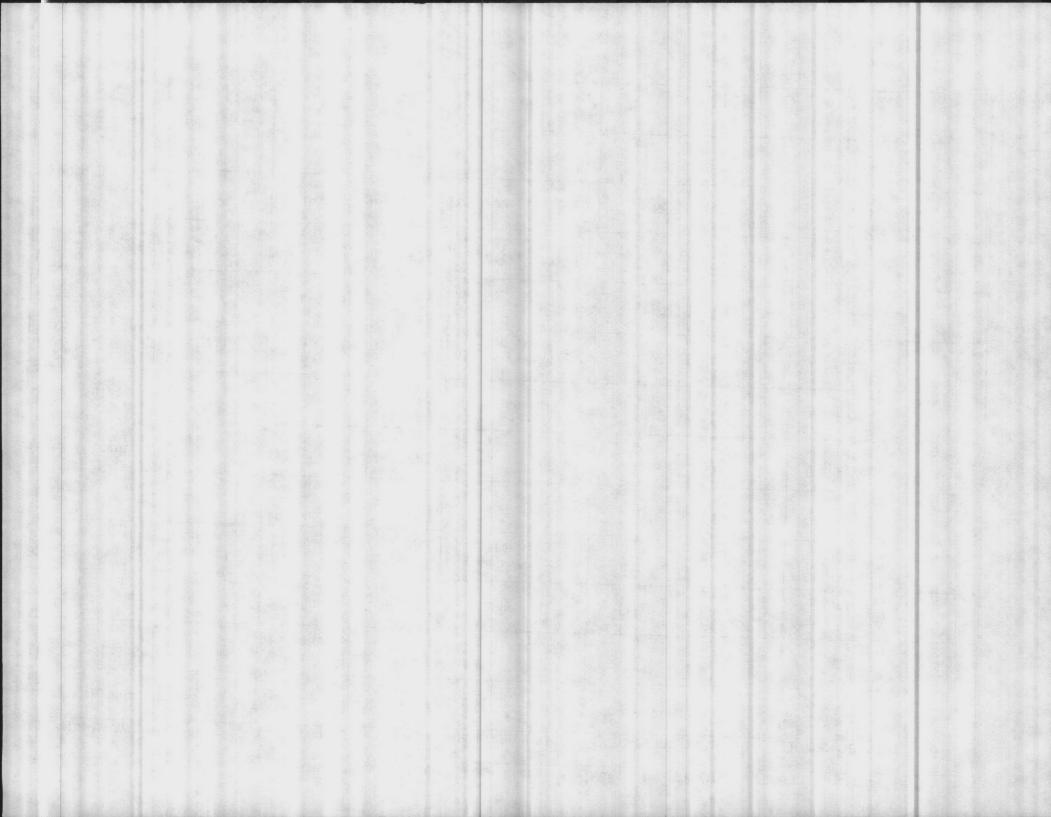
POINT OF CONTACT: B.M. Frazelle, II

	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
P 0 Box 69	Lime Softening	Ten,100 lb bags	50 lbs/day
Abington Executive Pk	.Water Softening	44 Tons	As needed
P.O.Box 31007 Charlotte,NC 28231		2 Cylinders	5 to 10 /day
Made up by Lab, NREA	To check Hardness	32 oz.	60 oz/mo · .
Made up by Lab,NREA	Hardness Buffer	5 oz	5 oz./mo
Made up by Lab, NREA	Hardness Indicato	r 1.0z	0.8 cz/mo .
Made up by Lab, NREA	Chloride Indicato	r 5 0z.	0.5 oz/wk
Made up by Lab, NREA	To check Chloride in water	32 oz.	60 oz./mo.
185 Marine Street Farmington,NY 11735	To check Cl ₂	4 boxes	12 tablets/day
7 (1) A (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			
	P.O.Box 69 Luttrell,TN 37779 Abington Executive Pk Clarks,Summit PA 1841 P.O.Box 31007 Charlotte,NC 28231 Made up by Lab,NREA Made up by Lab,NREA Made up by Lab,NREA Made up by Lab,NREA	P.O.Box 69 Luttrell,TN 37779 Abington Executive Pk. Water Softening Clarks,Summit PA 1841 P.O.Box 31007 Charlotte,NC 28231 Made up by Lab,NREA Chloride Indicato Made up by Lab,NREA To check Chloride in water To check Cl2	PRODUCT USE QUANTITY ON HAND P.O.Box 69 Luttrell,TN 37779 Abington Executive Pk. Water Softening Clarks,Summit PA 1841 P.O.Box 31007 Charlotte,NC 28231 Made up by Lab,NREA Made up by Lab,NREA Made up by Lab,NREA Hardness Buffer Made up by Lab,NREA To check Chloride in water 185 Marine Street To check Cl ₂ 4 boxes



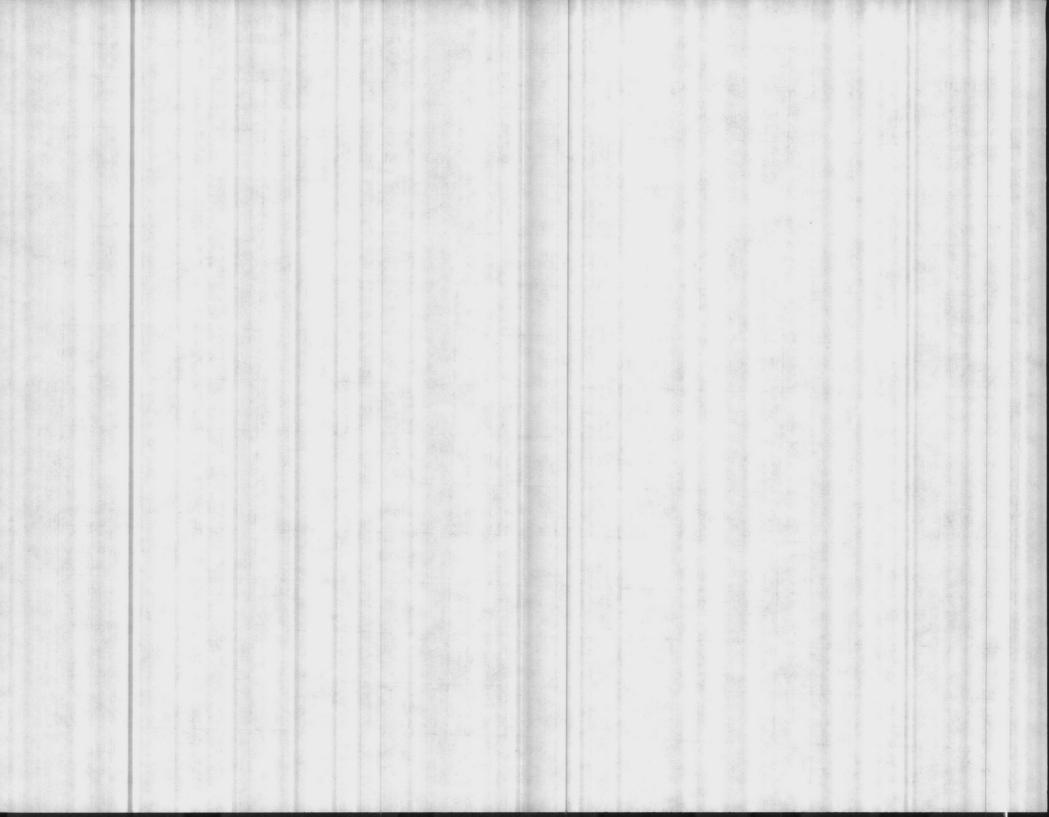
ORGANIZATION: Utilities, Base Maintenance SHOP: Water Plant BE-190 POINT OF CONTACT: B.M.Frazelle, II 5988

RGANIZATION: Utilities, B	ADDRESS	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
alcium Hypochlorite	120 Long Ridge Rd. Stanford, Conn. 06904	Water Disinfectant	one 100 lb. drum	As needed
.CP Chemical Chlorine	Raritan Plaza Edison, NJ	Water Chlorination	3 cy1.	10 - 15 lb/day
Hydrated Lime Tenn Lutrell Co.	P.O.Box 69 Lutrell TN 37779	To raise pH	1500 lb.	50 1bs./day
Sodium Chloride (rock salt) International Salt Co.	Abington Executive Pa Clarks Sumnit PA 1841	rk Ion exchange softners	44 Tons	As needed
REAGENTS				•
EDTA Titrant	Made up by Lab NREA	To check hardnes	s 32 oz.	60 oz./mc.
Borax Sulfide	Made up by Lab NREA	Hardness Buffer	5 Oz.	5 oz./mo
Eriochrome Black T	Made up by Lab NREA	Hardness Indicate	or 1 oz.	1 oz./mo
Hardness powder Potassium Chromate	Made up by Lab, NREA	Chloride Indicate	or 5 oz.	5 oz/mo.
Silver Nitrate	Made up by Lab, NREA	To check chlorid	e 32 oz.	60 oz./mo.
DPD tablets	185 Marine Street	To check CL ₂ res.	4 boxes	12 tablets/day
Orbeco Anaysis System	Farm NY 11735			



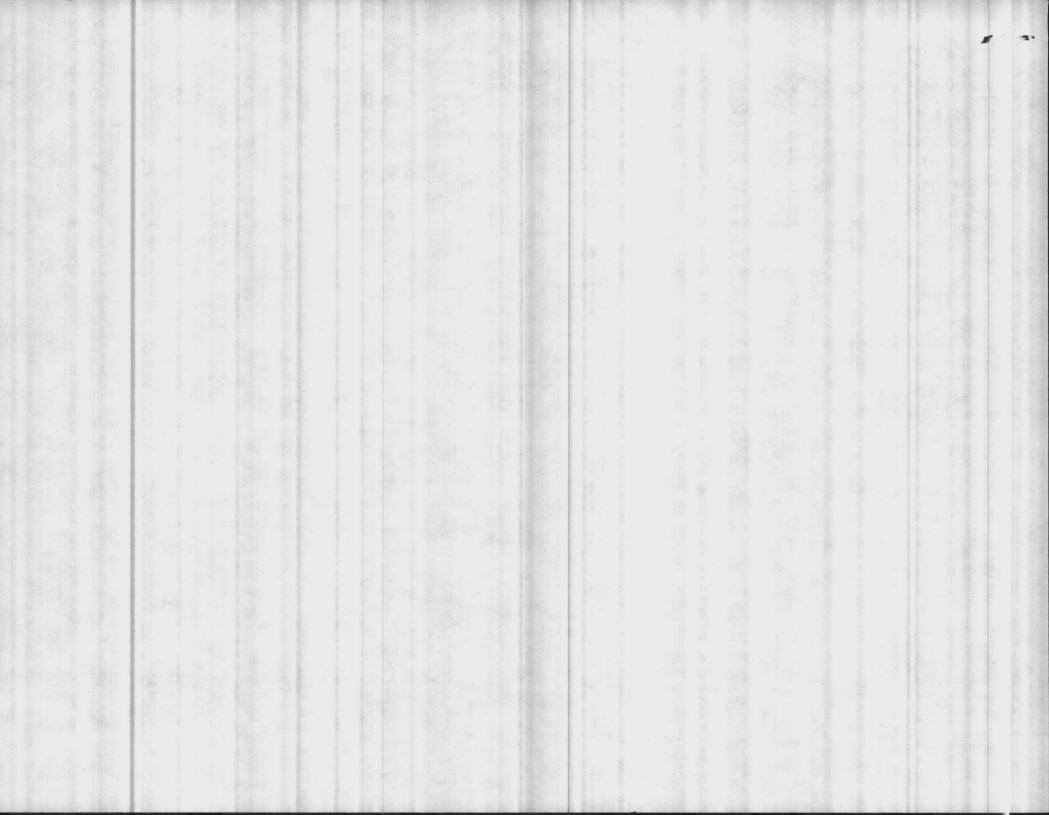
ORGANIZATION: Utilities, Base Maintenance SHOP: Water Plant, Onslow Beach POINT OF CONTACT: B.M. Frazelle, II

NSN/MANUFACTURER	ADDRESS	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
odium Chloride,Rock Salt nternational Salt Co.	Abington Executive Pk Clarks, Summit PA 1841	Water Softening Water Softening	22 Tons	As Needed
CP Chemicals Co. Chlorine	Raritan Plaza II Edison, NJ	Water Chlorination	2 Cylinders	2-5 lbs/day
REAGENTS				
DTA, Titrant	Made up by Lab,NREA	To check Hardness	32 oz.	32 oz./mo
Borax, sulfide	Made up by Lab, NREA	Hardness Buffer	5 oz	5 oz/mo
Eriochrome Black T Hardness Powder	Made up by Lab,NREA	Hardness Indicato	1 oz .	0.4 oz/mo
Potassium Chromate	fade up by Lab,NREA	Chloride Indicato	1 oz	0.8 cz/mo .
Silver Nitrate	Made up by Lab, NREA	To check Chloride in water	32 oz.	32 oz/mo
Orbeco Analysis Systems DPD Tablets	185 Marine Street Farmington,NJ 11735	To Check Chlorine Residual	4 boxes .	6 Tablets/day

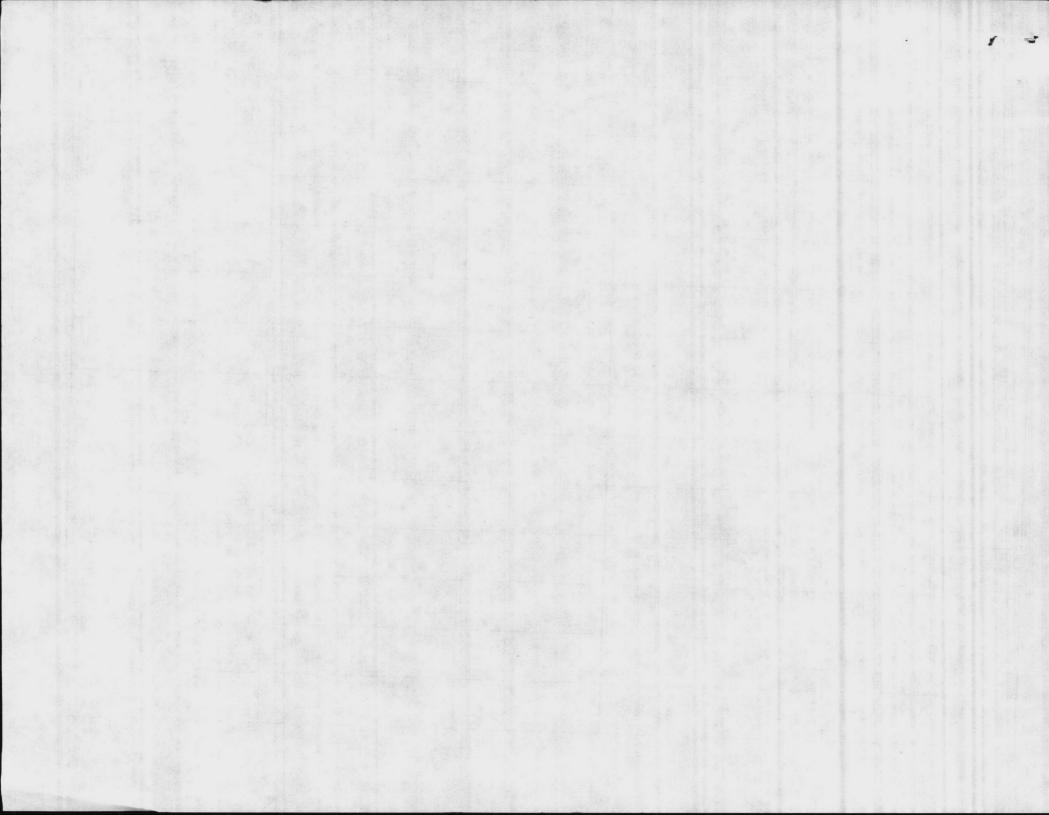


	Water	Plant.	
SHOD.	viu cc.		

ADDRESS	Bldg. 20 PRODUCT USE	QUANTITY ON HAND	RATE OF USE
P.O.Box 69	Lime Softening	60 Ton Bulk Tank	1000 lbs./M.G. of H ₂ 0
40 Patterson Ave.	Water Flouridation	Store	Maintain 1 ppm in H ₂ O Distribution
Raritan Plaza Edison, NJ	Water Chlorination	6 Cylinders	30 to 60 lbs/day
Calabrian Internationa 26 Broadway NYNY 10004	Algae Control in Pools	2 to 5, 100 lb bags	3 to 10 lbs /month in pools
		•	
Made up by Lab, NREA	To Check Alkalinit Analysis	y' ½ GAL	2 to 4 oz./day
Made up by Lab, NREA	To Check Alkalinit	y 4 oz.	0.5 oz /day .
Made up by Lab, NREA	To Check Alkalinit	y 16 oz.	1.0 oz./day
Made up by Lab, NREA	To Check Hardness	½ Gal	1.5 oz./day
Made up by Lab, NREA	Hardness Buffer	5 oz.	1.0 oz./day
. Made up by Lab, NREA	To run Flouride	½ Gal.	32 oz./month
185 Marine Street Farmingdale,NY 11735	To Check Cl ₂ residual	10 Boxes	24 Tablets/day
Made up by Lab, NREA	To check Flouri	de ½ Gal.	90 oz./month
	P.O.Box 69 Luttrell,TN 37779 40 Patterson Ave. Patterson,NJ 07424 Raritan Plaza Edison, NJ Calabrian Internationa 26 Broadway NYNY 10004 Made up by Lab, NREA Made up by Lab, NREA	P.O.Box 69 Luttrell,TN 37779 40 Patterson Ave. Patterson,NJ 07424 Raritan Plaza Edison, NJ Calabrian Internationa 26 Broadway NYNY 10004 Made up by Lab, NREA To Check Alkalinit Made up by Lab, NREA To Check Alkalinit To Check Alkalinit Made up by Lab, NREA To Check Hardness To run Flouride Analysis To Check Cl 2 residual	PRODUCT USE QUANTITY ON HAND P.O.Box 69 Luttrell,TN 37779 Lime Softening 60 Ton Bulk Tank Store Patterson,NJ 07424 Raritan Plaza Edison, NJ Kater Chlorination Calabrian Internationa 26 Broadway NYNY 10004 Made up by Lab, NREA To Check Alkalinity 4 Oz. Made up by Lab, NREA To Check Alkalinity 4 Oz. Made up by Lab, NREA To Check Alkalinity 16 Oz. Made up by Lab, NREA To Check Hardness 1/2 Gal Made up by Lab, NREA To Check Hardness 1/2 Gal Made up by Lab, NREA To Check Hardness 1/2 Gal Made up by Lab, NREA To Check Cl2 residual To Check Cl2 residual To Boxes

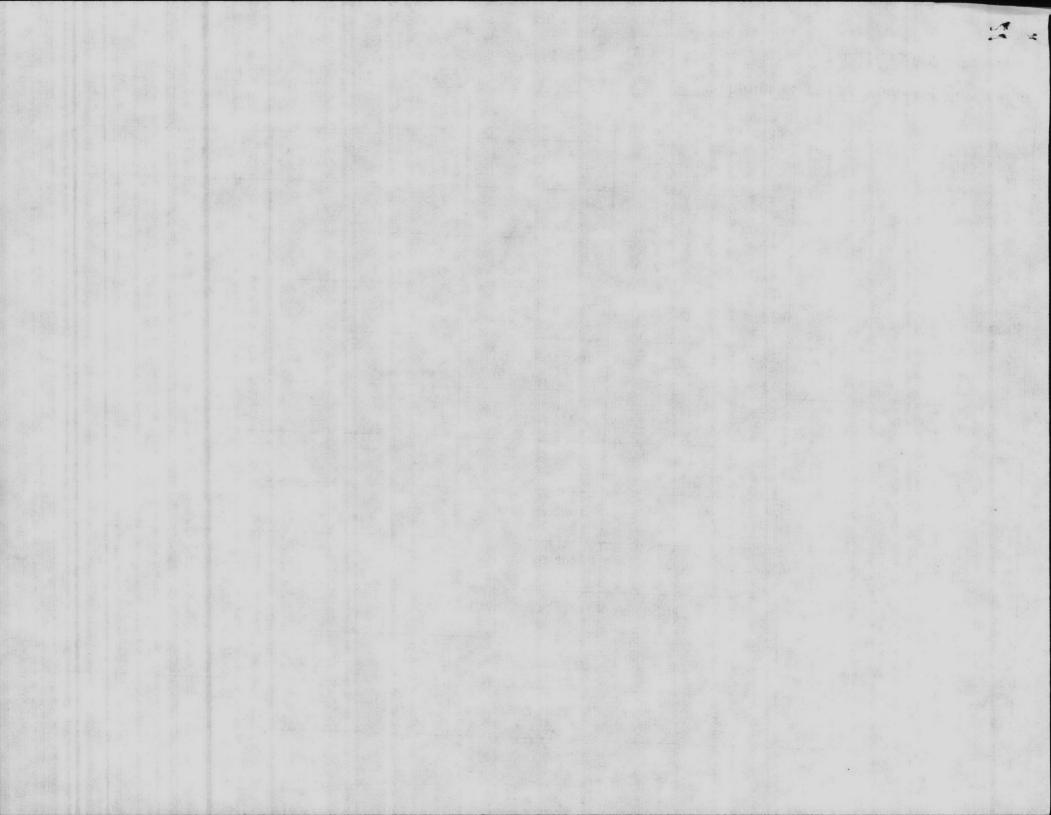


POINT OF CONTACT: ORGANIZATION: Utilities, Base Maintenance SHOP: Bldg. 20 RATE OF USE QUANTITY ON HAND PRODUCT USE ADDRESS NSN/MANUFACTURER 16 oz./month 16 Oz. To check pH Made up by Lab, NREA pH Buffer .4 oz/wk. Hardness Indicator 1.0oz. Made up by Lab, NREA Eriochaome Black T Hardness Indicator Powder 16oz/month 16 oz. To check pH Made up by Lab, NREA pH Buffer



ORGANIZATION: Utilities, Base Maintenance SHOP: Water Plant TT-38 POINT OF CONTACT: B.M. Frazelle II

RGANIZATION:	ADDRESS	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
ydrated Lime	P.O.Box 69	Lime Softening	20,000 lbs.	1000 # per MG H ₂ 0
enn Luttrell Co.	40 Patterson Ave. Patterson NJ 07424	Water Flouridation	2-100 lb. bags or drums	maintain 1 ppm in H ₂ O Distribution
NU Tech Chem Ind. CP Chemicals, Chlorine	Raritan Plaza II	Water Chlorination	4 cylinders	15 to 30
	Edison NJ			
ulfuric Acid, 0.020N	Made up in the Lab,NRE	A To Check : Alkalinity	1 Qt.	2oz./day .
henolphathalein	Made up by Lab, NREA	To check Alkalinity	2 oz.	.3 oz/day
Bromcresol green	Made up by Lab, NREA	To check Alkalinity	4oz	.5 oz/day
Friochrome Black T	Made up by Lab, NREA	Hardness Indicator	3 ,boxes	.2 oz/day
Hardness Powder EDTA Titrant	Made up by Lab, NREA	To check hardness	½ pint	1 oz/day
Borax Sulfide	Made up by Lab, NREA	Hardness Buffer	2 oz.	.5 oz/day
Tisab	Made up by Lab, NREA	To check flouride	2 1 pint	3 oz/day
Orbeco Analysis Systems	185 Marine Street	To check Cl ₂ residual	7 boxes	24 tablets/day
DPD Tablets pH Buffer	Farmingdale,NY 11735 Made up by Lab,NREA	To check pH	½ pint	16 oz/mo



ORGANIZATION: Utilities, Base Maintenance SHOP: TT-38 POINT OF CONTACT: B.M. Frazelle, II 5988

RGANIZATION UTILIES,	ADDRESS	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
SN/MANUFACTURER. Touride Standard 1 & 2	Made up by Lab NREA	To check flouride	3 pints	2 oz/day
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