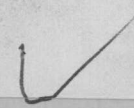


11330.6 CORROSIVITY AND SODIUM

OPEN

CLOSED

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



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

NSN/MANUFACTURER	ADDRESS	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
Hydrated Lime Tenn-Luttrell Co.	P.O.Box 69 Luttrell, Tenn 37779	Lime Softening	Two 40 ton bulk tanks	1000 pounds per million gallons of water
Sodium Fluoride Nutech Chem, Inc.	40 Patterson Ave. Patterson, N.J.07424	Water Fluoridation	3 to 5, 100 lb. bags or 125 lb. drums	Maintain 1 ppm in water distribution
Sodium Hydroxide 50% Caustic Soda Olin	120 Long Ridge Road Stanford, Conn.06904	pH Control (Pools)	Storage 5 - 10 drums	as needed
Hydrochloric Acid(Muriatic) Eastman Kodak Co.	343 State State Rchester, N.Y.14650	pH Control (Pools)	Storage 4 - 5 drums	as needed
Calcium Hypochlorite Hth Olin	120 Long Ridge Road Stanford, Conn.06904	Water Disinfectant for pools	one 100 lb.drums(storage)	As needed
Liquid Chlorine LCP 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 NREAD	to check for alkalinity	16 ounces	1.0 oz per day
EDTA Titrant	Made up by laboratory NREAD	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 NREAD	To check for fluoride	1/2 gallon	32 ounces per month











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

NSN/MANUFACTURER	ADDRESS	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
Hydrated Lime Tenn-Luttrell Company	P.O. Box 69 Luttrell, TN 37779	Lime Softening	40 Tons Bulk Tank	1,000 lbs. per.million gallon of water
Chlorine South Chem	New Bern, N.C.	Water Chlorination	Two, 1 Ton Cylinders	15 - 25 lbs. per. day
REAGENTS				
Sulfuric Acid 0.020 N	Made up by laboratory NREAD	to check for alkalinity	1 gallon	7.0 oz. per day
Phenolphthalein	Made up by laboratory NREAD	to check for alkalinity	5 ounces	1.0 oz. per day
Bromcresol Green	Made up by laboratory NREAD	to check for alkalinity	32 ounces	1.0 oz. per.day
EDTA Titrant	Made up by laboratory NREAD	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
Eriochrome Black Hardness Powder	Made up by laboratory NREAD	Hardness Indicator	1.0 ounces	0.4 oz. per. day
DPD Tablets Orbeco Analytical Systems	185 Marine Street Farmingdale, N.Y. 11735	To check Chlorine Residual	10 Boxes	24 Tablets per. day
pH Buffer	Made up by laboratory NREAD	To check pH	16 ounces	16 oz. per month
Calcium Carbonate	Made up by laboratory NREAD	To check stability	1/2 pound	1.0 oz. per. day
Silver Nitrate	Made up by laboratory NREAD	To check Chloride in water	32 ounces	10 oz. per. month

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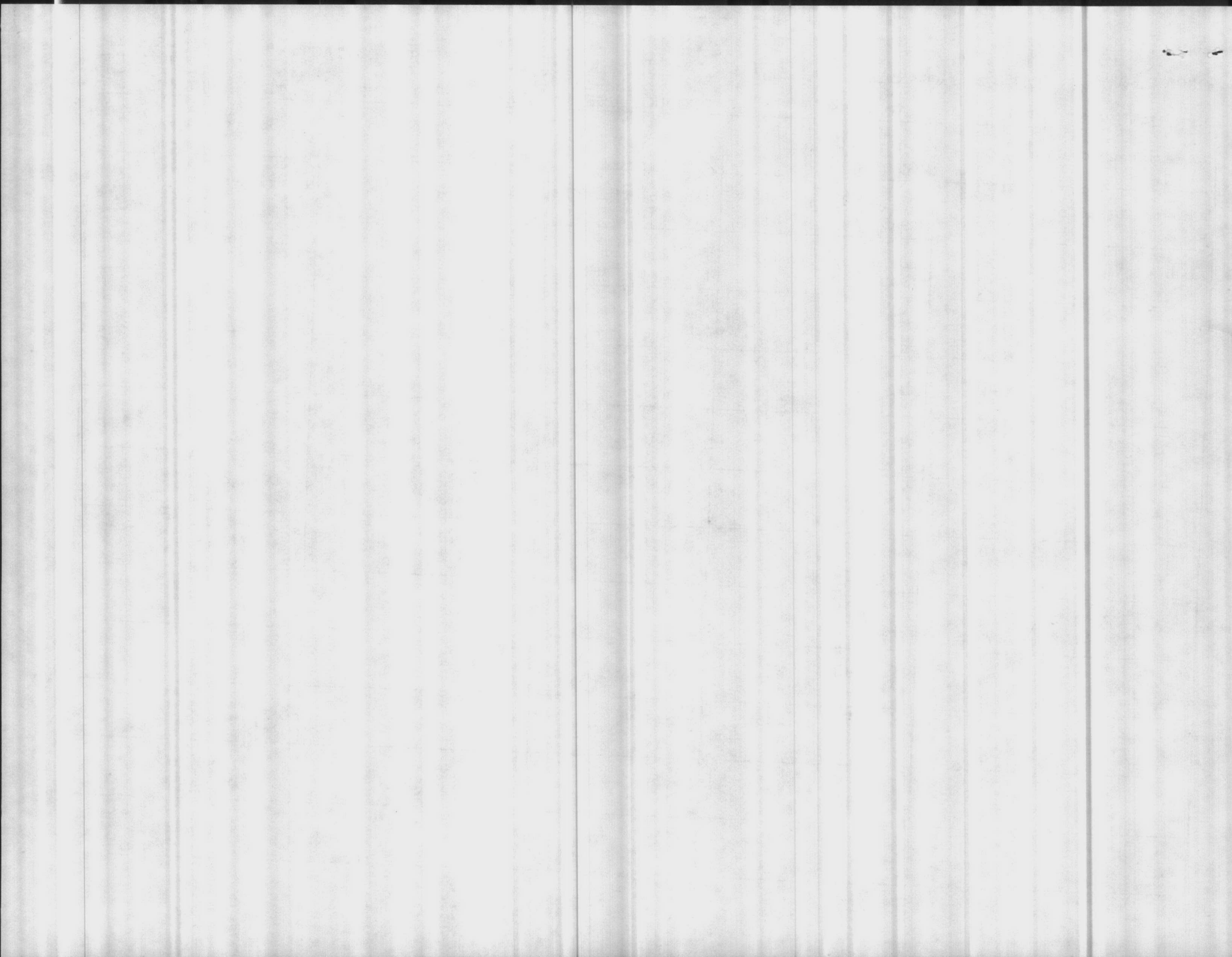
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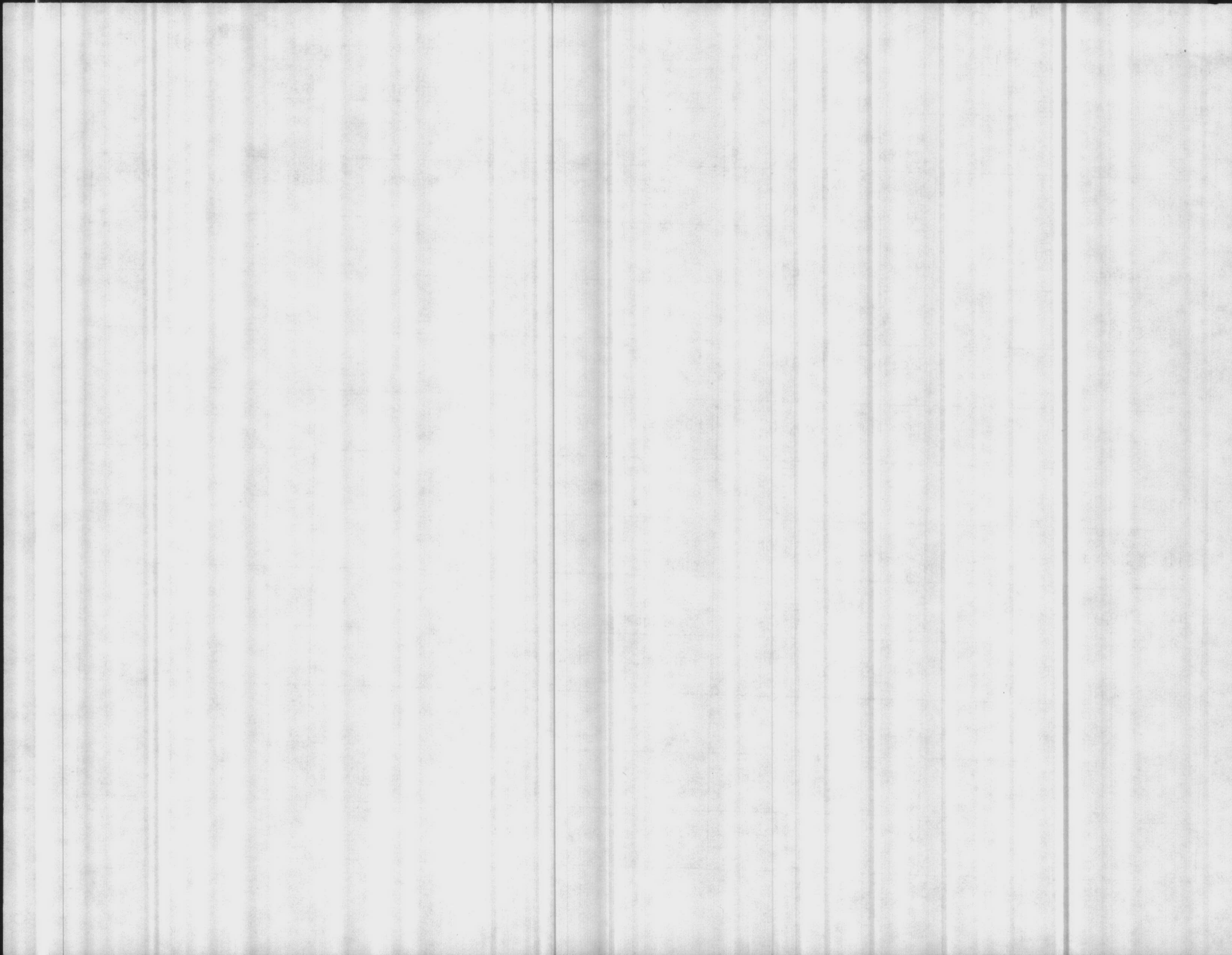




ORGANIZATION: Utilities, Base Maintenance SHOP: Water Plant M-178 POINT OF CONTACT: B.J. Frazelle, II

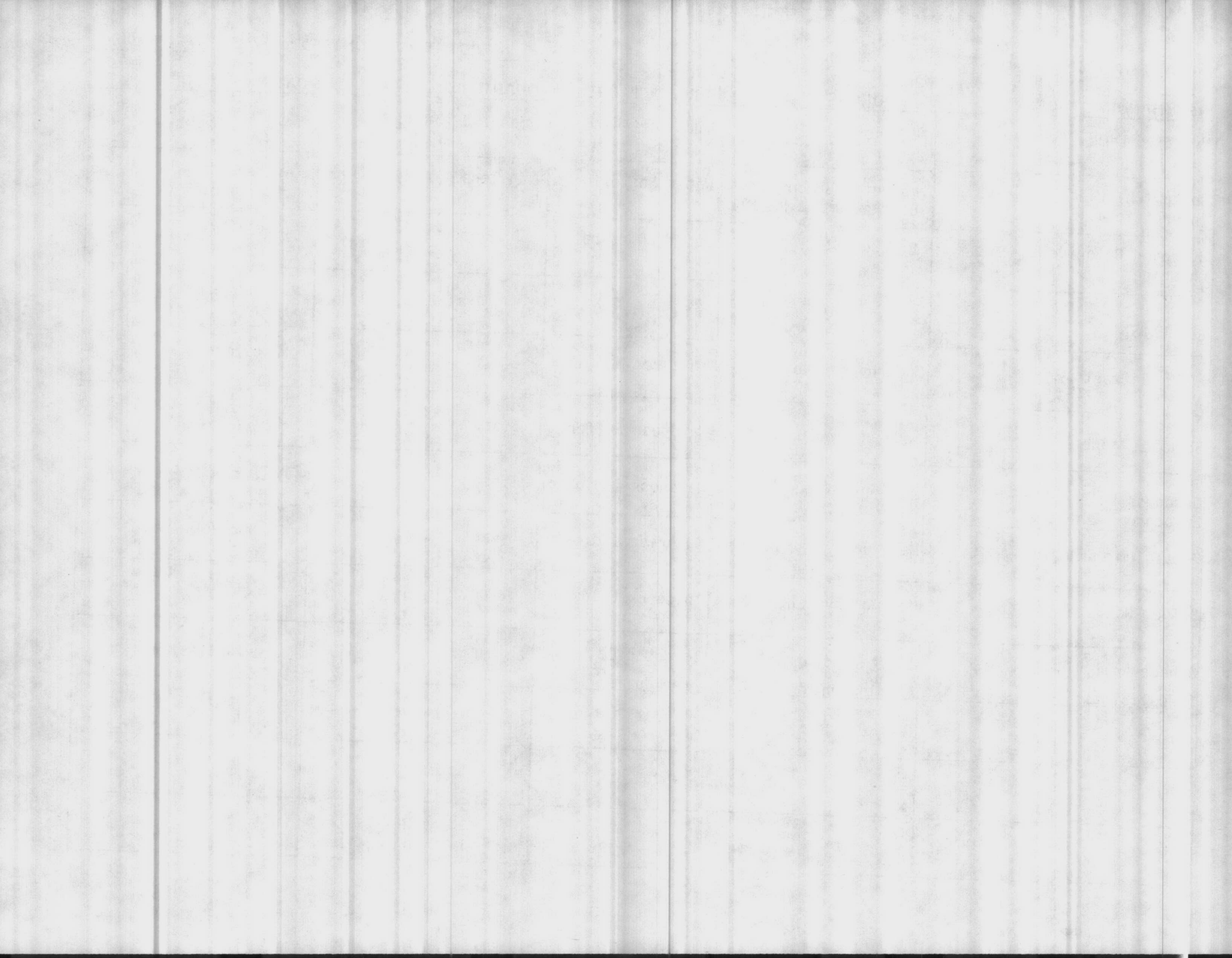
NSN/MANUFACTURER	ADDRESS	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
LCP Chemicals, Chlorine	Raritan Plaza II Edison, NJ	Water Chlorination	3 Cylinders	4 to 10 lbs/day
Polyphosphate Pil-Chemco, Inc	P.O. Box 3897 Wilson, N.C. 27895	(non hazardous) Softening Water	3-40 gallon drum	Maintain 1 ppm Ortho Phosphate
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 Indicator	1 oz.	0.1 oz/day
Silver Nitrate	Made up by Lab, NREA	To check chloride content in water	1 pint	2 oz./day
Orbeco Anaysis System DPD Tablets	185 Marine Street Farmingdale, NY 11735	To check Cl <sub>2</sub> residual	3 boxes	10 tablets/day
Eriochrome Black T Hardness Indicator Powder	Made up by Lab, NREA	Hardness indicator	2 boxes	0.1 oz/day





ORGANIZATION: Utilities, Base Maintenance SHOP: Water Plant RR-85 POINT OF CONTACT: B.M. Frazelle, II

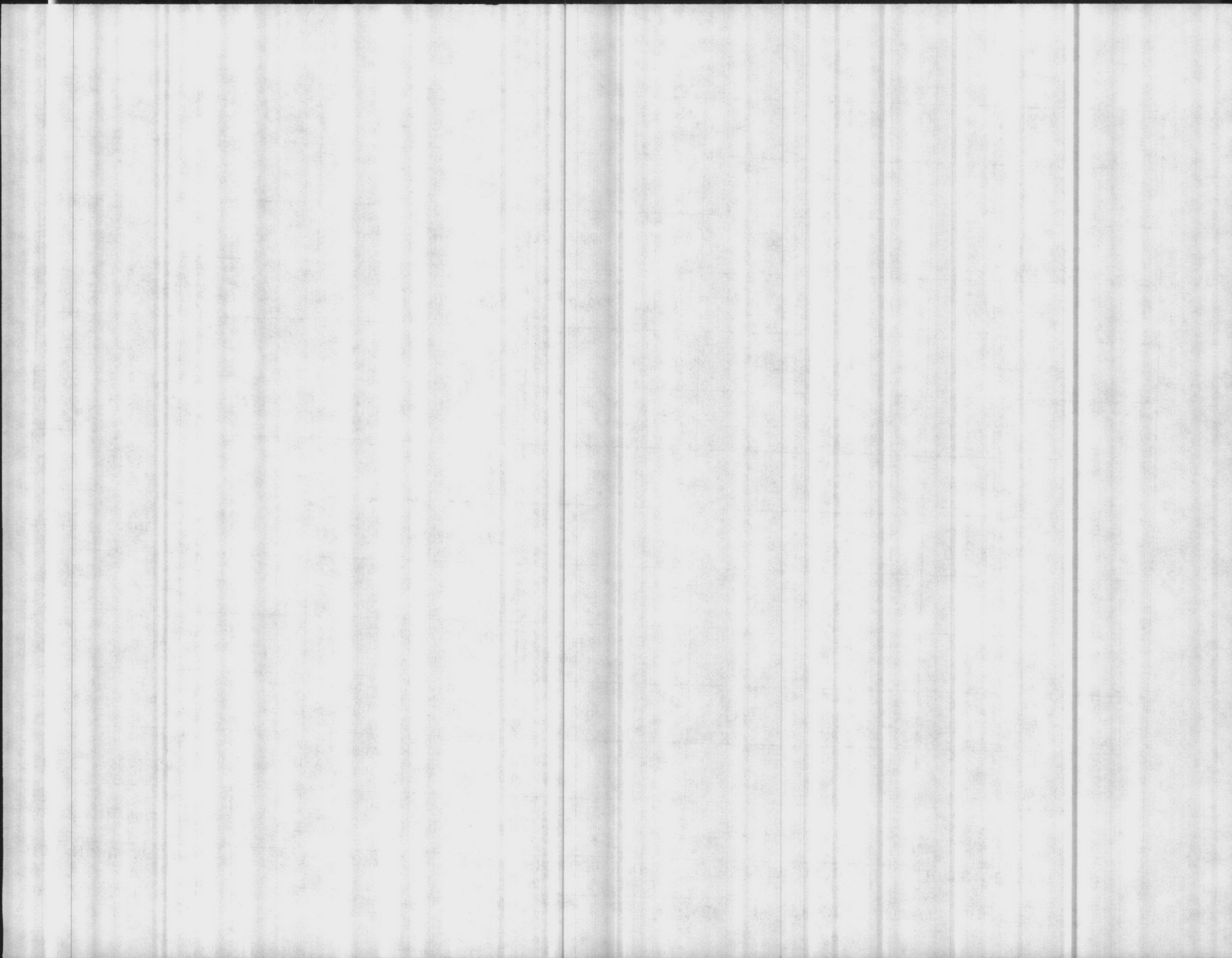
NSN/MANUFACTURER	ADDRESS	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
Hydrated Lime Tenn Luttrell Co.	P.O.Box 69 Luttrell, TN 37779	Lime Softening	Ten, 100 lb bags	50 lbs/day
Sodium Chloride International Salt Co.	Abington Executive Pk. Clarks, Summit PA 18411	Water Softening	44 Tons	As needed
Hydrogen Chloride Chlorine	P.O.Box 31007 Charlotte, NC 28231	Water Chlorination	2 Cylinders	5 to 10 /day
REAGENTS				
EDTA ,Titrant	Made up by Lab, NREA	To check Hardness	32 oz.	60 oz/mo
Borax Sulfide	Made up by Lab, NREA	Hardness Buffer	5 oz.	5 oz./mo
Hardness Powder Eriochrome Black T	Made up by Lab, NREA	Hardness Indicator	1.oz	0.8 oz/mo
Potassium Chromate	Made up by Lab, NREA	Chloride Indicator	5 Oz.	0.5 oz/wk
Silver Nitrate	Made up by Lab, NREA	To check Chloride in water	32 oz.	60 oz./mo.
Orbeco Analysis Systems DPD Tablets	185 Marine Street Farmington, NY 11735	To check Cl <sub>2</sub> residual	4 boxes	12 tablets/day





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

NSN/MANUFACTURER	ADDRESS	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
Calcium Hypochlorite HTH Olin	120 Long Ridge Rd. Stanford, Conn. 06904	Water Disinfectant	one 100 lb. drum	As needed
LCP Chemical Chlorine	Raritan Plaza Edison, NJ	Water Chlorination	3 cyl.	10 - 15 lb/day
Hydrated Lime Tenn Lutrell Co.	P.O.Box 69 Lutrell TN 37779	To raise pH	1500 lb.	50 lbs./day
Sodium Chloride (rock salt) International Salt Co.	Abington Executive Park Clarks Summit PA 18411	Ion exchange softners	44 Tons	As needed
REAGENTS				
EDTA Titrant	Made up by Lab NREA	To check hardness	32 oz.	60 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 Indicator	1 oz.	1 oz./mo
Potassium Chromate	Made up by Lab, NREA	Chloride Indicator	5 oz.	5 oz/mo.
Silver Nitrate	Made up by Lab, NREA	To check chloride in water	32 oz.	60 oz./mo.
DPD tablets Orbeco Anaysis System	185 Marine Street Farm NY 11735	To check CL <sub>2</sub> res.	4 boxes	12 tablets/day

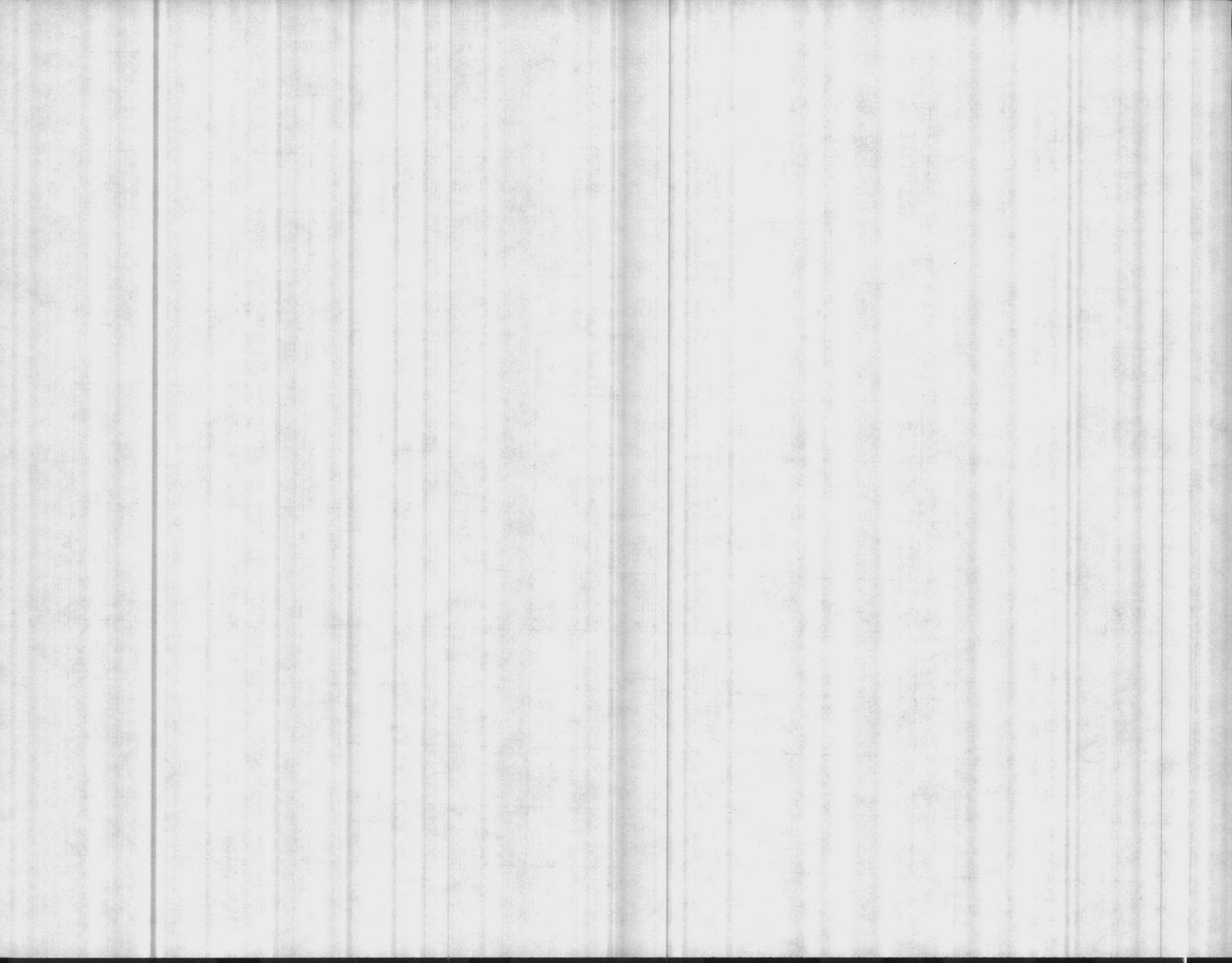


ORGANIZATION: Utilities, Base Maintenance SHOP: Water Plant, Onslow Beach POINT OF CONTACT: B. M. Frazelle, II

BA-138

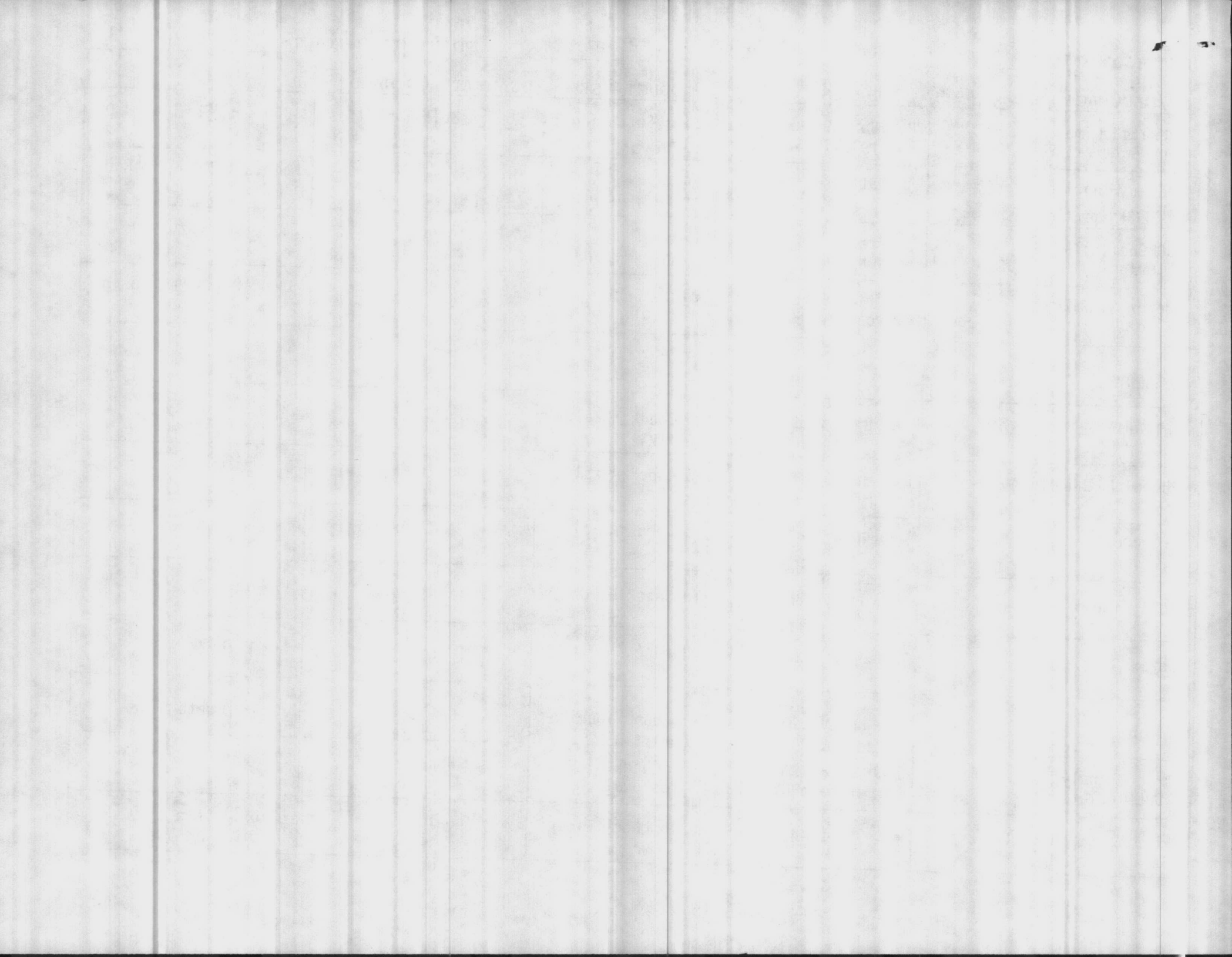
NSN/MANUFACTURER	ADDRESS	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
Sodium Chloride, Rock Salt International Salt Co.	Abington Executive Pk. Clarks, Summit PA 1841	Water Softening Water Softening	22 Tons	As Needed
LCP Chemicals Co. Chlorine	Raritan Plaza II Edison, NJ	Water Chlorination	2 Cylinders	2-5 lbs/day
REAGENTS				
EDTA, 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 Indicator	1 oz	0.4 oz/mo
Potassium Chromate	Made up by Lab, NREA	Chloride Indicator	1 oz	0.8 oz/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





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

NSN/MANUFACTURER	ADDRESS	Bldg. 20 PRODUCT USE	QUANTITY ON HAND	RATE OF USE
Hydrated Lime Tenn Luttrell Co.	P.O.Box 69 Luttrell, TN 37779	Lime Softening	60 Ton Bulk Tank	1000 lbs./M.G. of H <sub>2</sub> O
Sodium Flouride NU-TECH Chem Ind.	40 Patterson Ave. Patterson, NJ 07424	Water Flouridation	Store	Maintain 1 ppm in H <sub>2</sub> O Distribution
LCP Chemicals Chlorine	Raritan Plaza Edison, NJ	Water Chlorination	6 Cylinders	30 to 60 lbs/day
Copper Sulfate Calco	Calabrian International 26 Broadway NYNY 10004	Algae Control in Pools	2 to 5, 100 lb bags	3 to 10 lbs /month in pools
REAGENTS				
Sulfuric Acid 0.020N	Made up by Lab, NREA	To Check Alkalinity Analysis	½ GAL	2 to 4 oz./day
Phenolphathalein	Made up by Lab, NREA	To Check Alkalinity	4 oz.	0.5 oz /day
Bromcresol Green	Made up by Lab, NREA	To Check Alkalinity	16 oz.	1.0 oz./day
EDTA Titrant	Made up by Lab, NREA	To Check Hardness	½ Gal	1.5 oz./day
Borax Sulfide	Made up by Lab, NREA	Hardness Buffer	5 oz.	1.0 oz./day
Tisab	Made up by Lab, NREA	To run Flouride Analysis	½ Gal.	32 oz./month
Orbeco Analysis Systems DPD Tablets	185 Marine Street Farmingdale, NY 11735	To Check Cl <sub>2</sub> residual	10 Boxes	24 Tablets/day
Flouride Standard 1 & 2	Made up by Lab, NREA	To check Flouride	½ Gal.	90 oz./month









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

NSN/MANUFACTURER	ADDRESS	PRODUCT USE	QUANTITY ON HAND	RATE OF USE
Hydrated Lime Tenn Luttrell Co.	P.O.Box 69 Luttrell TN 37779	Lime Softening	20,000 lbs.	1000 # per MG H <sub>2</sub> O
Sodium Flouride NU Tech Chem Ind.	40 Patterson Ave. Patterson NJ 07424	Water Flouridation	2-100 lb. bags or drums	maintain 1 ppm in H <sub>2</sub> O Distribution
LCP Chemicals, Chlorine	Raritan Plaza II Edison NJ	Water Chlorination	4 cylinders	15 to 30
REAGENTS				
Sulfuric Acid, 0.020N	Made up in the Lab, NREA	To Check Alkalinity	1 Qt.	2oz./day
Phenolphathalein	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
Eriochrome Black T Hardness Powder	Made up by Lab, NREA	Hardness Indicator	3 boxes	.2 oz/day
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	1 pint	3 oz/day
Orbeco Analysis Systems DPD Tablets	185 Marine Street Farmingdale, NY 11735	To check Cl <sub>2</sub> residual	7 boxes	24 tablets/day
pH Buffer	Made up by Lab, NREA	To check pH	½ pint	16 oz/mo







