

WWPP - Spare Parts & Supplies Provided for Under CLIN 0020*

WWPP Supplies - Wilden Pumps					
Part Name	Part Description	Manufacturer	Mfr. Part #	Annual Usage	U/M
M-4 Pump	Diaphragm	Wilden	04-1010-51	4	EACH
M-4 Pump	Air Valve Assembly	Wilden	04-2030-01	6	EACH
M-4 Pump	Pilot Spool O-ring	Wilden	04-2650-49-700	24	EACH
M-4 Pump	Center Block	Wilden	04-3120-01	3	EACH
M-4 Pump	Muffler Plate	Wilden	04-3185-01	5	EACH
M-4 Pump	Center Block Gasket	Wilden	04-3529-52	3	EACH
M-4 Pump	M4 Air Valve Gasket	Wilden	04-2600-52	3	EACH
PV8 Pump	Pilot Spool O-ring	Wilden	04-2650-49-700	24	EACH
PV8 Pump	Center Block	Wilden	04-3120-01	3	EACH
PV8 Pump	Muffler Plate	Wilden	04-3185-01	5	EACH
PV8 Pump	Center Block Gasket	Wilden	04-3529-52	3	EACH
PV8 Pump	Pilot Sleeve Assembly	Wilden	04-3880-99	5	EACH
M8 Pump	Neoprene Diaphragm	Wilden	08-1010-51	10	EACH
M8 Pump	Neoprene Valve Ball	Wilden	08-1080-56	12	EACH
M8 Pump	Block O-ring	Wilden	08-3210-55-225	72	EACH
M8 Pump	Shaft Bushing	Wilden	08-3306-13	17	EACH
PV8 Pump	Inner Piston	Wilden	08-3700-01	8	EACH
PX8 Pump	Pump Shaft	Wilden	08-3812-03	16	EACH
PV8 Pump	Outer Piston Plate	Wilden	08-4550-01	5	EACH
M8 Pump	Clamp Band Bolt	Wilden	08-6120-03	20	EACH
M8 Pump	Clamp Band Nut	Wilden	08-6450-03	5	EACH
M8 Pump	Clamp Band	Wilden	08-7100-03	8	EACH
PV8 Pump	Small Clamp Band	Wilden	08-7100-08	13	EACH
M15 Pump	Valve Ball	Wilden	15-1080-51	4	EACH
M15 Pump	Valve Seat	Wilden	15-1120-51	4	EACH
M15 Pump	Center Block O-ring	Wilden	15-3200-52	58	EACH
M15 / PV8 Pump	Exhaust	Wilden	15-3510-99R	7	EACH

Attachment 23

M15 Pump	Shaft	Wilden	15-3800-09	5	EACH
P800 Pump	Wet end repair kit	Wilden	08-9815-55	1	EACH
P800 Pump	Air end repair kit	Wilden	04-9986-20	1	EACH

WWPP Supplies - CPVC Fittings and Piping					
Part Name	Part Description	Manufacturer	Mfr. Part #	Annual Usage	U/M
1/2" Coupler(SxS)	SCH 80 CPVC	Harrington Plastics	829C-005	20	EACH
1/2" Coupler(TxT)	SCH 80 CPVC	Harrington Plastics	830C-005	16	EACH
1/2" Tee (SxSxS)	SCH 80 CPVC	Harrington Plastics	801C-005	10	EACH
1/2" Tee (TxTxT)	SCH 80 CPVC	Harrington Plastics	805C-005	7	EACH
1/2" Male Adapter	SCH 80 CPVC	Harrington Plastics	836C-005	8	EACH
1/2" Union (SxS)	SCH 80 CPVC	Harrington Plastics	8057C-005	14	EACH
1/2" Nipple (Short)	SCH 80 CPVC	Harrington Plastics	882C-005	6	EACH
1/2" Nipple 1-1/2"L	SCH 80 CPVC	Harrington Plastics	882C-015	6	EACH
1/2" Nipple 2"L	SCH 80 CPVC	Harrington Plastics	882C-020	6	EACH
1/2" Nipple 3"L	SCH 80 CPVC	Harrington Plastics	882C-030	6	EACH
1/2" Nipple 4"L	SCH 80 CPVC	Harrington Plastics	882C-040	6	EACH
1/2" Nipple 6"L	SCH 80 CPVC	Harrington Plastics	882C-060	6	EACH
1/2" 90 Elbow (SxS)	SCH 80 CPVC	Harrington Plastics	806C-005	8	EACH
1/2" 90 Elbow (TxT)	SCH 80 CPVC	Harrington Plastics	808C-005	4	EACH
1/2" 45 Elbow (SxS)	SCH 80 CPVC	Harrington Plastics	817C-005	13	EACH
1/2" 45 Elbow (TxT)	SCH 80 CPVC	Harrington Plastics	819C-005	11	EACH
1/2" Caps (Socket)	SCH 80 CPVC	Harrington Plastics	847C-005	8	EACH
1/2" x 1/4" Bushing	SCH 80 CPVC	Harrington Plastics	837C-072	14	EACH
1/2" Flanges	SCH 80 CPVC	Harrington Plastics	854C-005	5	EACH
1/2" ASAHI Ball Valves	SCH 80 CPVC	Harrington Plastics	1613005	9	EACH
1/2" ASAHI Check Valves	SCH 80 CPVC	Harrington Plastics	1219005	2	EACH
3/4" Coupler (SxS)	SCH 80 CPVC	Harrington Plastics	829C-007	23	EACH
3/4" Coupler (TxT)	SCH 80 CPVC	Harrington Plastics	830C-007	5	EACH
3/4" Caps (Socket)	SCH 80 CPVC	Harrington Plastics	847C-007	2	EACH

Attachment 23

3/4" Male Adapter-FPT	SCH 80 CPVC	Harrington Plastics	836C-007	13	EACH
3/4" Male Adapter-MPT	SCH 80 CPVC	Harrington Plastics	836C-007	13	EACH
3/4" x 1/2" Bushing	SCH 80 CPVC	Harrington Plastics	837C-101	15	EACH
3/4" 90 Elbow (SxS)	SCH 80 CPVC	Harrington Plastics	806C-007	18	EACH
3/4" 45 Elbow (SxS)	SCH 80 CPVC	Harrington Plastics	817C-007	15	EACH
3/4" Tee (SxSxS)	SCH 80 CPVC	Harrington Plastics	801C-007	19	EACH
3/4" x Short Nipple	SCH 80 CPVC	Harrington Plastics	883C-005	6	EACH
3/4" x 2" Nipple	SCH 80 CPVC	Harrington Plastics	883C-020	6	EACH
3/4" x 3" Nipple	SCH 80 CPVC	Harrington Plastics	883C-030	6	EACH
3/4" x 6" Nipple	SCH 80 CPVC	Harrington Plastics	883C-060	6	EACH
3/4" Union	SCH 80 CPVC	Harrington Plastics	8057C-007	10	EACH
3/4" Flange	SCH 80 CPVC	Harrington Plastics	854C-007	6	EACH
3/4" ASAHI Ball Valve	SCH 80 CPVC	Harrington Plastics	1613007	6	EACH
1" Male Adapter	SCH 80 CPVC	Harrington Plastics	836C-010	21	EACH
1" Coupler (SxS)	SCH 80 CPVC	Harrington Plastics	829C-010	20	EACH
1" Coupler (TxT)	SCH 80 CPVC	Harrington Plastics	830C-010	7	EACH
1" 90 Elbow (SxT)	SCH 80 CPVC	Harrington Plastics	807C-010	4	EACH
1" 90 Elbow (SxS)	SCH 80 CPVC	Harrington Plastics	806C-010	15	EACH
1" 45 Elbow (SxS)	SCH 80 CPVC	Harrington Plastics	817C-010	17	EACH
1" x 1/4" Bushing (TxT)	SCH 80 CPVC	Harrington Plastics	839C-128	11	EACH
1" x 1/2" Bushing (TxT)	SCH 80 CPVC	Harrington Plastics	837C-130	15	EACH
1" x 3/4" Bushing (TxT)	SCH 80 CPVC	Harrington Plastics	837C-131	14	EACH
1" x (Short) Nipple	SCH 80 CPVC	Harrington Plastics	884C-005	8	EACH
1" x 2" Nipple	SCH 80 CPVC	Harrington Plastics	884C-020	5	EACH
1" x 3" Nipple	SCH 80 CPVC	Harrington Plastics	884C-030	4	EACH
1" x 5" Nipple	SCH 80 CPVC	Harrington Plastics	884C-050	4	EACH
1" x 6" Nipple	SCH 80 CPVC	Harrington Plastics	884C-060	6	EACH
1" Caps	SCH 80 CPVC	Harrington Plastics	847C-010	20	EACH
1" Tee	SCH 80 CPVC	Harrington Plastics	801C-010	9	EACH
1" Flange (Socket)	SCH 80 CPVC	Harrington Plastics	854C-010	11	EACH
1" 90 Elbow (TxT)	SCH 80 CPVC	Harrington Plastics	808C-010	10	EACH
1" Flange (Threaded)	SCH 80 CPVC	Harrington Plastics	855C-010	2	EACH

Attachment 23

1" Union (SxS)	SCH 80 CPVC	Harrington Plastics	8057C-010	9	EACH
1" Check Valve	SCH 80 CPVC	Harrington Plastics	1219010	8	EACH
1" ASAHI Ball Valve	SCH 80 CPVC	Harrington Plastics	1613010	4	EACH
1-1/4" x 1/2" Bushing	SCH 80 CPVC	Harrington Plastics	837C-166	6	EACH
1-1/4" x 3/4" Bushing	SCH 80 CPVC	Harrington Plastics	837C-167	6	EACH
1-1/4" x 1" Bushing	SCH 80 CPVC	Harrington Plastics	837C-168	6	EACH
1-1/4" Coupler (SxS)	SCH 80 CPVC	Harrington Plastics	829C-012	6	EACH
1-1/4" Male Adapter	SCH 80 CPVC	Harrington Plastics	836C-012	6	EACH
1-1/4" 45 Elbow	SCH 80 CPVC	Harrington Plastics	817C-012	6	EACH
1-1/4" 90 Elbow (SxS)	SCH 80 CPVC	Harrington Plastics	806C-012	6	EACH
1-1/4" ASAHI Ball Valve	SCH 80 CPVC	Harrington Plastics	1613012	6	EACH
1-1/2" Male Adapter-S	SCH 80 CPVC	Harrington Plastics	836C-015	6	EACH
1-1/2" Coupler (SxS)	SCH 80 CPVC	Harrington Plastics	829C-015	6	EACH
1-1/2" Coupler (TxT)	SCH 80 CPVC	Harrington Plastics	830C-015	6	EACH
1-1/2" Male Adapter-T	SCH 80 CPVC	Harrington Plastics	835C-015	6	EACH
1-1/2" (Short) Nipple	SCH 80 CPVC	Harrington Plastics	886C-005	6	EACH
1-1/2" x 2" Nipple	SCH 80 CPVC	Harrington Plastics	886C-020	6	EACH
1-1/2" x 3" Nipple	SCH 80 CPVC	Harrington Plastics	886C-030	6	EACH
1-1/2" x 4" Nipple	SCH 80 CPVC	Harrington Plastics	886C-040	6	EACH
1-1/2" x 5" Nipple	SCH 80 CPVC	Harrington Plastics	886C-050	6	EACH
1-1/2" x 6" Nipple	SCH 80 CPVC	Harrington Plastics	886C-060	6	EACH
1-1/2" Caps	SCH 80 CPVC	Harrington Plastics	847C-015	4	EACH
1-1/2" x 1" Bushing	SCH 80 CPVC	Harrington Plastics	837C-211	4	EACH
1-1/2" 45 Elbow	SCH 80 CPVC	Harrington Plastics	817C-015	4	EACH
1-1/2" 90 Elbow	SCH 80 CPVC	Harrington Plastics	806C-015	4	EACH
1-1/2" 4 Way Tee	SCH 80 CPVC	Harrington Plastics	820C-015	1	EACH
1-1/2" Tee	SCH 80 CPVC	Harrington Plastics	801C-015	3	EACH
1-1/2" Flange	SCH 80 CPVC	Harrington Plastics	854C-015	6	EACH
1-1/2" Union	SCH 80 CPVC	Harrington Plastics	8057C-015	6	EACH
1-1/2" ASAHI Ball Valve	SCH 80 CPVC	Harrington Plastics	1613015	4	EACH

Attachment 23

2" Male Adapter	SCH 80 CPVC	Harrington Plastics	836C-020	14	EACH
2" Coupler (SxS)	SCH 80 CPVC	Harrington Plastics	829C-020	16	EACH
2" Coupler (SxT)	SCH 80 CPVC	Harrington Plastics	835C-020	10	EACH
2" Coupler (TxT)	SCH 80 CPVC	Harrington Plastics	830C-020	9	EACH
2" Caps	SCH 80 CPVC	Harrington Plastics	847C-020	4	EACH
2" (Short) Nipple	SCH 80 CPVC	Harrington Plastics	887C-005	10	EACH
2" x 3" Nipple	SCH 80 CPVC	Harrington Plastics	887C-030	9	EACH
2" x 5" Nipple	SCH 80 CPVC	Harrington Plastics	887C-050	12	EACH
2" 45 Elbow	SCH 80 CPVC	Harrington Plastics	817C-020	13	EACH
2" 90 Elbow (SxS)	SCH 80 CPVC	Harrington Plastics	806C-020	8	EACH
2" x 3/4" Bushing	SCH 80 CPVC	Harrington Plastics	837C-248	9	EACH
2" x 1" Bushing	SCH 80 CPVC	Harrington Plastics	837C-249	9	EACH
2" x 1-1/4" Bushing	SCH 80 CPVC	Harrington Plastics	9837C-250	3	EACH
2" x 1-1/2" Bushing	SCH 80 CPVC	Harrington Plastics	837C-251	9	EACH
2" Tee (SxSxS)	SCH 80 CPVC	Harrington Plastics	801C-020	11	EACH
2" Tee (TxTxT)	SCH 80 CPVC	Harrington Plastics	805C-020	2	EACH
2" 4 Way Tee (SxSxS)	SCH 80 CPVC	Harrington Plastics	820C-020	1	EACH
2" Flange	SCH 80 CPVC	Harrington Plastics	854C-020	6	EACH
2" Union	SCH 80 CPVC	Harrington Plastics	8057C-020	8	EACH
2" Check Valve	SCH 80 CPVC	Harrington Plastics	1219020	3	EACH
2" ASAHI Ball Valve	SCH 80 CPVC	Harrington Plastics	1613020	6	EACH

WWPP Supplies - General					
Part Name	Part Description	Manufacturer	Mfr. Part #	Annual Usage	U/M
Sludge Box	48 x 40 x 37.5	Rock Tenn		550	EACH
Box Lids	37 x 45	Rock Tenn	134314	550	EACH
Box Liner	50 x 42 x 100	Dart Packaging		1,100	EACH
Press Wood Pallet	48 x 40	Litco		550	EACH
Filter Bags (Large)	25 Micron	Filter Specialists	BPONG	400	EACH
Filter Bags (Small)	25 Micron	Filter Specialists	BPONG253P3	600	EACH
Box Tape	2" Wide / Clear	Grainger	3YTU4	4	CASE

Attachment 23

Duct Tape	2" Wide / Black	Applied MSS		12	ROLL
Sludge Box Label	6 x 6 Vinyl	Grainger	Custom	550	EACH
Cable Ties	14.5" L (Black)	GRAINGER	36J166	3	PACK
Cable Ties	7.5"L (Clear)	Applied MSS	10250UZ	32	PACK
Banding Seal	3/4 Snap On	SIGNODE	5A426	16	BAGS
Steel Banding	3/4 x .017	GRAINGER	3XG69	6	EACH
Chart Paper	12" Circular	HONEYWELL	48593	4	PACK
Pig Mat	Grey	NEW PIG	MAT 240	12	CASE
Pig Mat	White	NEW PIG	MAT 240	12	CASE
Pig Mat	Pink	NEW PIG	MAT 240	12	CASE
Air Tank	SCBA	GRAINGER	16N402	2	EACH
Fire Nozzle	Swivel Shut Off	MOON AMERICAN	41H479	1	EACH
Neoprene Gasket	2" Diameter	GRAINGER	1MJR8	12	EACH
Hose Clamp	4"	GRAINGER	1XHD1	1	PACK
Cam-Loc Fitting	1" Male	GRAINGER	3LW92A	6	EACH
Pump Hose	Replacement Tube	GRAINGER	3HHG3	6	EACH
Pipe Hanger	4" Riser Clamp	GRAINGER	1CWF8	10	EACH
Pipe Hanger	3" Riser Clamp	GRAINGER	1CWF7	10	EACH
Pipe Hanger	2" Clevis	GRAINGER	1RVP9	10	EACH
Process Analysers	pH Control	YOKOGAWA	PH402G-E-1-E/U	8	EACH
SS Probe Housing	pH Insertion	Yokogawa	PR20-S-05-05-TIB	Stock	EACH
Rotameter	1-10 GPM	KEY INSTRUMENTS	FR5L57P1	Stock	EACH
Digital Level Meter	Drum	SSI TECHNOLOGIES	21508	Stock	EACH
Process Meter	Universal	PRECISION DIGITAL	PD6000-6R5	Stock	EACH
Process Meter	Trident	PRECISION DIGITAL	PD765-6R2-10	Stock	EACH
pH Probe	Sensor	YOKOGAWA	FU20-10-11-NPT	3	EACH
Epoxy	Marine Weld	J.B. WELD	5DFV0	8	EACH
Spray Paint	Safety Yellow	APPLIED MSS		24	CAN
Spray Paint	Safety Blue	APPLIED MSS		24	CAN
Spray Paint	Safety Green	APPLIED MSS		24	CAN
Spray Paint	Safety Orange	APPLIED MSS		24	CAN
Spray Paint	Glossy Black	APPLIED MSS		24	CAN
Spray Paint	Gray Primer	APPLIED MSS		24	CAN

DEO 3 (Deodorizer)	55 Gallon Drum	ZEP		35	DRUM
--------------------	----------------	-----	--	----	------

WWPP Supplies - Laboratory					
Part Name	Part Description	Manufacturer	Mfr. Part #	Annual Usage	U/M
Sulfuric Acid (ACS) 98.08%	2.5 Liter	HACH	97909	6	LITER
Silver Nitrate (0.141N)	1/2 Liter	Grainger	9CVH5	1	1/2 LITER
Nitric Acid (A200-500) 69%	500ml	HACH	15249	4	EACH
Hydrochloric Acid (ACS) 37%	500ml	HACH	13449	4	EACH
Sodium Hydroxide	Standard Solution 1.00 N	HACH		7	LITER
Ascorbic Acid (A61-25)	25 grams	HACH	52020	1	EACH
Dessicant (CaSO4)	Drierite (8 Mesh) 1#	USA Bluebook	39132	8	EACH
ORP Solution (200mv)	1/2 Liter	USA Bluebook	40423	52	1/2 LITER
ORP Solution (400mv)	1/2 Liter	USA Bluebook	40424	52	1/2 LITER
2 pH Buffer	1/2 Liter	USA Bluebook	29882	52	1/2 LITER
4 pH Buffer	Gallon	USA Bluebook	40329	12	GALLON
7 pH Buffer	Gallon	USA Bluebook	40329	12	GALLON
10 pH Buffer	Gallon	USA Bluebook	40329	12	GALLON
Chromium Test Kit (DR2800)	25 Cuvettes per box	HACH	TNT854	12	BOX
Nickel Test Kit (DR2800)	25 Cuvettes per box	HACH	TNT856	12	BOX
Transfer Pipette	9 ml	GRAINGER	21F240	5	PACK
Transfer Pipette	23 ml	Fisher Scientific	13-711-40	5	PACK
Pipette tip	Tensette (1000)	HACH	2185628	1	EACH
Sample Bottle - 1,000ml	Wide Mouth - Amber Glass	GRAINGER	3VFF8	60	BOTTLE
Cotton Tip Swabs	Non-Sterile	GRAINGER	2RPK9	6	PACK
Sample Bottle - 1,000ml	Wide Mouth - Plastic	GRAINGER	3UUL3	5	PACK
Phenolic Bottle Cap	70mm	GRAINGER	CAP-00079G	48	EACH
Hydrometer	1.78-1.85	GRAINGER	EW-08298-89	1	EACH
Kim Wipes	Disposable	USA BLUE BOOK	36989	12	EACH
Micro Filter	42.5 mm	HACH	934-AH-42.5	12	PACK
Weigh Dish	Aluminum 70 mm	USA BLUEBOOK	34649	15	PACK
CuVer 2	Copper Reagent	HACH	2188299	8	PACK

Attachment 23

Sample Beaker - 1,000ml	Polyethylene	US Plastics	77093	12	EACH
Sample Beaker - 1,000ml	Glass	GRAINGER	4YMZ8	4	PACK
De-ionized Water	20L Cube	USA BLUE BOOK	29920	12	EACH
Sample Cell - Matched Set	25 ml	HACH	2665902	4	PAIR
HEPA Filter - Size "B"	Fume Hood	SOLARE		1	PACK
Filtrete Pre-filter	Fume Hood	SOLARE		1	PACK
Carbon Filter	Fume Hood	SOLARE		1	PACK
db 3510 BURETTE STAND	10ML UV PROTECTED	HACH	X51T017	2	EACH
CL114 ELECTRODE CABLE BNC		HACH	A94L114	2	EACH
db KIT STIRRING	SAC80 & SAM90	HACH	904-480	1	EACH
25X-8 ISE SURFACTANT		HACH	E41T001	3	EACH
KTO: HQ30D CE APPROVED		HACH	HQ30D53000000	3	EACH
pH GEL PROBE	STD, w/1m CABLE	HACH	PHC10101	2	EACH
CONDUCTIVITY PROBE	STD, w/1m CABLE	HACH	CDC40101	2	EACH
ACORN TEMP 5 AND PROBE		HACH	2630630	2	EACH
2100Q PORTABLE TURBIDIMETER		HACH	2100Q01	2	EACH
Cylinder, Graduated, 250mL	Subdivisions 2.0 mL, Tolerance +- 1.4 mL	HACH	50846	2	EACH
Beaker, Griffin	Low Form, Glass, 150mL	HACH	50044H	2	EACH
FIXED VOLUME PIPETTE, 200UL		HACH	2946007	2	EACH
PVDF SYRINGE FILTER	.45UM, 33MM, 50/PK	HACH	2513603	6	PACK
Hydrochloric Acid	0.1N, 1000 mL	HACH	1481253	4	EACH
Sodium hydroxide soln	0.01N, 1000 mL	HACH	67153	4	EACH
rr COD,TNT+, LR (3-150 MG/L)	PK/25	HACH	TNT821	4	EACH
rr COD,TNT+, HR(20-1500 MG/L)	PK/25	HACH	TNT822	4	EACH
4-Methyl-2-pentanol	ACS reagent, ≥98.5%, 1L	Sigma-Aldrich	360511-1L	12	EACH
Ethyl alcohol, Pure	200 proof, ACS reagent, ≥99.5%	Sigma-Aldrich	459844-1L	12	EACH
Sodium dodecyl sulfate	100g	Sigma-Aldrich	L3771-100G	4	EACH
TEGO ADD	500 mL	Metrohm	6.2317.110	8	EACH
TEGOtrant A100	500 Gr	Metrohm	62317020	8	EACH
SURFRACTRODE PASTE	3.5 Gr	Metrohm	62319000	8	EACH

WWPP Supplies - Filter Press					
Part Name	Part Description	Manufacturer	Mfr. Part #	Annual Usage	U/M
Filter Press Cloth	WSWPP Cloth	EVOQUA	W2T227300	120	EACH
Front Clip	Front Cloth	EVOQUA		2	EACH
Screw	Plate Shifter Arm	EVOQUA		6	EACH
Shifter Roller	Sub Assembly	EVOQUA		6	EACH
0-160 Silencer Element	Filter Press	EVOQUA	W2T244148	5	EACH
O-Ring Kit	Plate Shifter	EVOQUA		2	EACH
3-Way Switch	Plate Shifter	EVOQUA		2	EACH
Hydraulic Pressure Switch	Filter Press	EVOQUA		1	EACH
Switch	Plate Shifter	EVOQUA	W3T41147	8	EACH
Air Regulator	1/4"	EVOQUA	W2T243962	2	EACH

WWPP Supplies - Hardware - Nuts and Bolts					
Part Name	Part Description - Zinc Coated	Manufacturer	Mfr. Part #	Annual Usage	U/M
Hex Nut	1/4	GRAINGER	3HEG5	Stock	PACK
Hex Nut	5/16	GRAINGER	3HEE8	Stock	PACK
Hex Nut	3/8	GRAINGER	3HEF1	Stock	PACK
Lock Nut	3/8	GRAINGER	24JN24	Stock	EACH
Hex Nut	7/16	GRAINGER	12P537	Stock	PACK
Hex Nut	1/2	GRAINGER	32TG67	Stock	EACH
Lock Nut	1/2	GRAINGER	26LH06	Stock	PACK
Lock Nut	9/16	GRAINGER	26LH22	Stock	PACK
Hex Nut	5/8	GRAINGER	2GA71	Stock	PACK
Hex Nut	9/16	GRAINGER	12P539	Stock	PACK
Spring Nut	1/4	GRAINGER	20J172	Stock	CASE
Hex Head Bolt	3/4 x 1-1/2L	GRAINGER	2CU42	Stock	PACK
Hex Head Bolt	5/8 x 6L	GRAINGER	2CU15	Stock	PACK

Attachment 23

Hex Head Bolt	5/8 x 3-1/2	GRAINGER	2CE99	Stock	PACK
Hex Head Bolt	5/8 x 4L	GRAINGER	2CU12	Stock	PACK
Hex Nut	1/2	GRAINGER	22UK90	Stock	PACK
Spring Nut / Bolt	3/16 x 4	GRAINGER	4CUG8	Stock	PACK
Flat Washer	1/2	GRAINGER	6UKZ2	Stock	PACK
Lock Washer	5/16	GRAINGER	1NY96	Stock	PACK
Lock Washer	3/8	GRAINGER	1NY99	Stock	PACK
Flat Washer	5/8	GRAINGER	2DPA2	Stock	PACK
Flat Washer	3/4	GRAINGER	6FDH0	Stock	PACK
Hex Head Bolt	1/4 x 1/2	GRAINGER	23MK94	Stock	EACH
Hex Head Bolt	1/4 x 3/4	GRAINGER	1LE79	Stock	PACK
Hex Head Bolt	1/4 x 1	GRAINGER	24WN83	Stock	EACH
Hex Head Bolt	1/4 x 1-1/2	GRAINGER	30Z516	Stock	PACK
Hex Head Bolt	1/4 x 2	GRAINGER	30Z843	Stock	PACK
Hex Head Bolt	5/16 x 1-1/2	GRAINGER	25GJ42	Stock	EACH
Hex Head Bolt	5/16 x 2	GRAINGER	1YU37	Stock	PACK
Hex Head Bolt	3/8 x 3/4	GRAINGER	24WL02	Stock	PACK
Hex Head Bolt	3/8 x 1	GRAINGER	1YU43	Stock	PACK
Hex Head Bolt	3/8 x 1-1/2	GRAINGER	30Z870	Stock	PACK
Hex Head Bolt	3/8 x 1-3/4	GRAINGER	30Z871	Stock	PACK
Hex Head Bolt	3/8 x 2-1/2	GRAINGER	30Z873	Stock	PACK
Hex Head Bolt	3/8 x 3-1/2	GRAINGER	30Z770	Stock	PACK
Hex Head Bolt	3/8 x 4	GRAINGER	1ZA28	Stock	PACK
Hex Head Bolt	3/8 x 3	GRAINGER	1YU48	Stock	PACK
Hex Head Bolt	7/16 x 1	GRAINGER	1YU52	Stock	PACK
Hex Head Bolt	7/16 x 1-1/2	GRAINGER	3YGV3	Stock	PACK
Hex Head Bolt	7/16 x 2	GRAINGER	1YU55	Stock	PACK
Hex Head Bolt	7/16 x 2-1/2	GRAINGER	30Z773	Stock	PACK
Hex Head Bolt	7/16 x 3	GRAINGER	1YU57	Stock	PACK
Hex Head Bolt	7/16 x 3-1/2	GRAINGER	30Z554	Stock	PACK
Hex Head Bolt	1/2 x 2	GRAINGER	1YU64	Stock	PACK
Hex Head Bolt	1/2 x 2-1/2	GRAINGER	30Z565	Stock	PACK

WWPP Supplies - Pump and Press Oil					
Part Name	Part Description	Manufacturer	Mfr. Part #	Annual Usage	U/M
Pulsa Lube	Pulsa Lube Oil #1	Pulsa Lube		20	GALLON
SHC630	Lightning Mixer Oil	Mobil		20	GALLON
Velocite	#10 Oil	Mobil		20	GALLON
DELVAC 1220	SAE 20W-20	Mobil		20	GALLON
DELVAC 1240	SAE 40W T-10	Mobil		20	GALLON
DTE 24	Hydraulic Oil (Filter Press)	Mobil		20	GALLON
ZEP 70	Spray Lubricant	ZEP		4	CASE
Grease Gun	12"L	GRAINGER	4BY84	2	EACH
Coupler Grease		GRAINGER	6Y884	2	PACK
Hose Whip	18"L	GRAINGER	4BY78	1	EACH

WWPP Supplies - WSWPP PLC Input/Output Cards					
Part Name	Part Description	Manufacturer	Mfr. Part #	Stock	U/M
110 Vac Input	505 Series	Siemens	505-4216A	3	EACH
Input / Output	505 Series	Siemens	505-6108A	2	EACH
Remote Base Controller	505 Series	Siemens	505-6851A	2	EACH
DC Power Module	505 Series	Siemens	505-6663	3	EACH
24 VDC Input	505 Series	Siemens	505-4332	3	EACH
Tiway 1 Network Interface	505 Series	Siemens	505-7339	2	EACH
8 Channel Analog Input	505 Series	Siemens	505-6108	3	EACH
8 Channel Analog Output	505 Series	Siemens	505-6208	2	EACH
24-100 VAC Output	505 Series	Siemens	505-4616	2	EACH
DC Power Supply	505 Series	Siemens	505-6660	2	EACH
110-220A Output	505 Series	Siemens	505-4832	1	EACH
Sinec Ethernet TCP / IP	505 Series	Siemens	505-CP2572	1	EACH
Run Battery / PC Good w/Port	525 Series	Siemens	525-1104	1	EACH
Run Battery / PC Good w/Port	545 Series	Siemens	545-1101	2	EACH

SIMATIC 555	555 Series	Siemens	555-1104	1	EACH
-------------	------------	---------	----------	---	------

WWPP Supplies - Pumps and Motors					
Part Name	Part Description	Manufacturer	Mfr. Part #	Annual Usage	U/M
Lightnin	Mixer Gear Box Repair Kit for the XJ-8	Lightnin	804321	Stock	EACH
Motor Mount Assembly		LIGHTNIN	A4-274604	Stock	EACH
Soft Starter	Motor Relay	SIEMENS		1	EACH
Centrifugal Pump	Rebuild Kit	Labour		1	EACH
Trico Oiler		PEERLESS PUMP	96662850	2	EACH

PWPP Supplies - General					
Part Name	Part Description	Manufacturer	Mfr. Part #	Annual Usage	U/M
Fan Belt	PWPP-Exhaust Fan	DAYTON	3X699G	Stock	EACH
pH Probe	PWPP Probe	HACH	PD2P1	2	EACH
ORP Probe	PWPP Probe	HACH	RD2P5	2	EACH
Drum Level	Ultrasonic	USA BLUEBOOK	827091	Stock	EACH
Drain Cover (36 x36)	Silt Fence	GRAINGER	3NJP9	Stock	EACH
Filter Cloth	Mini Filter Press	EVOQUA		27	EACH
Drum Liner	55 Gallon	GRAINGER	9G156	3	CASE
Drum Heater	55 Gallon	GRAINGER	3CDA2	1	EACH
Control Valves - (Small)	PWPP Media Filter	RESKEM	VLVAQV42C	3	EACH
Control Valves - (Large)	PWPP Media Filter	RESKEM	VLVAQV42E	11	EACH
Chemical Rated Hose - 25'	1" ID	McMASTER-CARR	5534K164	Stock	FOOT
Cam Lock Fitting	1"	McMASTER-CARR	5534K42	Stock	EACH
Filter Media	PWPP Filter Vessel	LAKESIDE H2O TREAT		2	EACH
Chemical Rated Hose - 25'	2" ID	McMASTER-CARR	5534K164	Stock	FOOT
Cam Lock Fitting	2"	McMASTER-CARR	5534K45	Stock	EACH
Coelescing Tubes	Polypropylene	AFL INDUSTRIES	VTC	Stock	SET

Attachment 23

* This listing should not be considered to be an all encompassing exhaustive list with any item not on this list exclusionary. This is intended to provide assistance in the determination as to which CLIN the item (or type of item) falls under only.