Last Updated: May	V 21, 2014								
System	Equipment	Make	Model S/N	Size	Capacity Quantity Ordered	Spare Date Last Date Quantity Replaced Installed	Company Purchased From Date Purchased	Price	Notes: Replacement, Repairs, Lifetime
	Blower - Motor	New York Blower Co	2612ALUM or 2612 SWSI U11211-100		1	Mar-14 Sep-07	Kruger Diversified Mar-14	\$4,115.00	replaced in March 2014; 10 year lifespan.
Blower System									
Blower System									
	GW Extraction Pumps	Grundfos		2 hp	9	Jun-13		\$ 1,402.00	variable lifespan.
	Dedicated MW pumps	Grundfos	Redi Flo 2		1		4/15/2011	\$ 4,588.00	approx 10 year lifetime
	Flow meters								have not replaced
Groundwater Extraction	PLC Card	Allen Bradley-SLC 500	1746-NO4I		1	2010	Holt Electrics 2/21/2012	\$ 788.26	very expensive, 24 in use at site, no spares on site
						 		†	
	Free Product Pumps	HammerHead	EW-10 (4-in.; H43SET) EW-04, EW-05, EW-06 (2-in., H24SET) EW-12 and EW-14 (4-in., AP4+ TL) EW-13 (2-in., AP2C-42372)						
Free Product Recovery	Free Product Pump Diaphram	Wilden	01-1010-58		6		Anderson Pump and Process 12/17/2010	\$ 18.80	approx 10 year lifetime
necovery	Free Product Pump Balls	Wilden	01-1080-58		8		Anderson Pump and Process 12/17/2010	\$ 4.50	approx 10 year lifetime
	Free Product Pump O-Rings	Wilden	00-1260-58		8		Anderson Pump and Process 12/17/2010	\$ 1.80	approx 10 year lifetime
	Oil Water Seperator								have not replaced unit - have replaced small pieces of the equipment
	Level Switches								have not replaced
	Oil Water Seperator	Carbonair	COWS-30						have not replaced
Seperator	Oil Pump	Wilden	P1/APPP/WF/WF/AWF 2004821					1	approx 10 year lifetime
	Water Pump - Motor	Leeson	08T34F05D or Myers CT-10				Anderson Pump and Process 9/22/2011	\$ 251.47	pump in 2012
	Level Sensor Tree and Sight Glass	+				1	Carbonaire 11/14/2011	\$ 851.39	approx 10 year lifetime
	Free Product Storage Tank	Kennedy Tank & Manufacturing Co,	8000-gal F-921						have not replaced
	Level Indicator								have not replaced
Free Product	Level Swich							1	have not replaced
Storage	Temperature Sensor							1	have not replaced
	Equalization Tank	Viatec, Inc.	OVF-120-8225-P	10' dia x 14' tall	7500 gal				have not replaced
	Mixer	Braun	3BTO-2 or 3BT02-45 30418						have not replaced
	Equalization Pump	Goulds - Centrifugal	3642	1/2 hp	20 GPM 1		Grainger 9/29/2011	\$ 654.75	approx 10 year lifetime
Equalization System	Swing Check Valve for Pump		Swing Check Valve,1 In,FNPT,PVC		1	1	Grainger 9/29/2011	\$ 11.03	approx 10 year lifetime
,	Coupler for Pump	Tarby				1			have not replaced

System	Equipment	Make	Model	S/N	Size	Capacity	Quantity Ordered	Spare Quantity	Date Last Replaced	Date Installed	Company Purchased From	Date Purchased	Price	Notes: Replacement, Repairs, Lifetime
	Level Indicater													have not replaced
	HI/HI Level Switch													have not replaced
	EQ Pump VFD													have not replaced
	EQ Flow Meter													have not replaced
	Coagulant Reaction Tank	Viatec, Inc.	OVF-72-1895-P		6' dia x 9' tall	1250 gal								have not replaced
	Ferric Feed Pump	Watson Marlow	620DU or 624DU/R				1				Watson Marlow	4/19/2010	\$ 6,388.00	approx 10 year lifetime
	Mixer VFD		TV00 F5140	705405400										have not replaced
Coagulation	Mixer	Braun	TX02 56I40	706496100					Apr-14			Apr-14		replaced mixer motor
System	pH Probes	Foxboro	873 PH-AIWCGZ transmitter/871 PH-2A1A-7 probe				2		11/3/2008		Invensys Process Systems		\$ 752.84	3 year lifetime, with bulb replacement every year.
	pH Ceramic Replacement Parts	Foxboro	22703				2	2	3/30/2009		Invensys Process Systems	6/3/2010	\$ 95.00	1 year lifetime
	pH Electrode Protective Sleeves	Foxboro	0051189				3	3			Invensys Process Systems	2/15/2008	\$ 58.00	approx 10 year lifetime
Flocculation	Flocculent Reaction Tank	Viatec, Inc.	OVF-60-1175-P		5' dia x 8' tall	900 gal								have not replaced
System	Mixer	Braun	TX02 56140	7064961003										have not replaced
	Mixer VFD													have not replaced
	Polymer System	Nijhuis	NMA 1000L						12/19/2007		Nijhuis Water Technology, Inc.			approx 10 year lifetime
	Polymer Feed Pump ("make up pump")	Allweiller AG	ADBPD4.3EX1PO1	7620586			1				Nijhuis Water Technology, Inc.	11/14/2011	\$ 3,945.00	approx 10 year lifetime
1	Poly Feed Pump Stator	Allweiller AG	HPS P1 G000					1			Nijhuis Water Technology, Inc.	11/14/2011	\$ 475.00	approx 10 year lifetime
Polymer System	Dosing Pump ("neat bucket pump")	Moyno	B2ASSQ31AAAS7602903FL	31004401					Jul-12		Peacock			approx 10 year lifetime
	Dosing Pump Sensor						1				Pumping Solutions	8/1/2011	\$ 924.95	
	Neat Tank													have not replaced
	Mix Tank													have not replaced
	Level Sensors													have not replaced
	Stator	Allweiller AG	HPS P1G000			7 gal			9/25/2008		Nijhuis Water Technology, Inc.	11/14/2011	\$ 475.00	3 year lifetime
	Control Panel CPU	Allen Bradley-SLC 500	1746P1				1		Jan-14		Holt Electrics	8/18/2008	\$ 358.15	approx 10 year lifetime, replaced main power supply unit due to electrical storm
	DAF System	Nijhuis	IPF045E											have not replaced
		Flowserve	MK3STD size 1K1 SX1-82/700RV						11/30/2007					have not replaced
	Skimmer Motor	Nord	NL-2180AC HILLEGOM 1003403996	5 SK 02050AZBD- RV10871L			1		Apr-14		Power Mation	2/13/2008	\$ 2,064.96	replaced motor and oiler
	DAF Starter for Polymer Mixer	SPRECHER and SCHUH	KTA7-25S-1.6A				1				Power Mation	8/27/2008	\$ 154.00	approx 10 year lifetime
	DAF Sump Pump	Hydromatic Sewage Pump	SK50M1			0.5 hp	1				R.C Worst Company	8/9/2011	\$ 415.00	approx 10 year lifetime
	DAF Pump Tank	Viatec, Inc.	OVF-60-1028-P			r					F/I			have not replaced
	Level Sensor								Oct-13					replaced HI/LOW level sensor in hopper
	HI/HI Level Switch													have not replaced
	Turbidity Meter	Tuthill	DDS.38EET2NM-71	0103100246674/ 001					2012					approximate 10 year lifetime
	Turbidity Meter Lamp	Hach	1895000				1		5/10/2010		Hach	8/12/2010	\$ 36.34	approx 10 year lifetime
	Turbidity Meter Closure Drain	Hach	4411600								Hach	8/12/2010		approx 10 year lifetime
DAF System	GAC Feed Pump	Gusher Pump	PC L 1.5 x36SEHCBM-C or PCL1.5X365EHCBM-C	1303-605					5/1/2011		Anderson Pump and Process		\$ 4,289.00	,
	GAC Feed Pump VFD													have not replaced
	Turbidity Glass Tube Flowmeter	Brooks	1110DG51C4EAA				1				Controls Plus	1/25/2008	\$ 870.00	approx 10 year lifetime
	Turbidity Flowmeter R-6-25-B Glass Tube	Brooks	S925G380WAA				1		1/25/2008		Controls Plus	8/14/2008		needs replacement often

Last Updated: May		Male	84adal	C/N	C:	Compositor	Quantity	Spare	Date Last	Date	Common Dumphood From	Data Burahasad	Duine	Notes: Replacement, Repairs,
System	Equipment	Make	Model	S/N	Size	Capacity	Ordered	Quantity	Replaced	Installed	Company Purchased From	Date Purchased	Price	Lifetime
	Turbidity Flowmeter Inlet Packing	Brooks	589B082TDA				1				Controls Plus	1/25/2008	\$ 75.00	approx 10 year lifetime
	Turbidity Flowmeter Outlet Packing	Brooks	589B083TDA				1				Controls Plus	1/25/2008	\$ 75.00	approx 10 year lifetime
	Turbidity FlowmeterTube Seat Gasket	Brooks	375C087VAA				2				Controls Plus	1/25/2008	\$ 35.00	approx 10 year lifetime
	Turbidity Meter Masterflex Tubing		06404-70				1				Cole Parmer	12/1/2009	\$ 160.00	approx 10 year lifetime
	Turbidity Flowmeter Oring	Brooks	375B015SUA				2				Controls Plus	1/25/2008	\$ 5.00	approx 10 year lifetime
	Friction Disk for Skimmer Motor	Nord	7911 90 20				1				Power Mation	5/13/2008	\$ 260.00	approx 10 year lifetime
	Friction Ring Carrier for Skimmer Motor	Nord	791902200				1				Power Mation	6/10/2008	\$ 180.00	approx 10 year lifetime
	Couplers		FIG 00808B/FIO 00808B/GSP 00806N				10				Global Wastewater Solutions			approx 10 year lifetime
	Solenoid Valve	Burkert	456414J			120 Volt	1	1			Durable Controls	10/26/2009	\$ 52.87	approx 10 year lifetime
	Bag Filters	Krystil Klear Filtration	50 micron Particulate Filters								Anderson Pump and Process			approx 10 year lifetime, have old spares on site, have spare gaskets on site.
	2,500 lb vessel	Carbonair	PC-20											have not replaced, reline one a year
	Bag filter gasket	Krystil Klear	88LV Viton Lid Gasket, 88BV Viton Basket Gasket				8		11/3/2008		KTH SALES, INC.	11/3/2008		approx 10 year lifetime
	10,000 vessel	Carbonair	PC-50											have not replaced
	Laterals	Carbonair	PC-20				16				Carbonair	10/14/2009		have not replaced
	Poly Sheets	Quick Solid Pad 4 X 500									Cetco	9/21/2009		approx 10 year lifetime
	Backwash pump	Flowserve Durco MarkIII		0305-5772		200 GPM	1		5/16/2011		PSI Engineering LLC	5/16/2011	\$ 5,091.00	
	Shaft Coupler Insert for Backwash pump	Grainger	6JE Sleeve	1L805			4	3	12/17/2008		Grainger	1/19/2009		approx 10 year lifetime
	Viton Lid Gasket	Krystil Klear Filtration	88LV				4				KTH Sales	11/3/2008	\$ 30.89	approx 10 year lifetime
	Viton Basket Gasket	Krystil Klear Filtration	88BV				4				KTH Sales	11/3/2008	\$ 23.17	approx 10 year lifetime
GAC System	Butterfly Valve	Asahi	3730040						see notes		Indelco	9/22/2009	\$ 193.45	replaced on GAC1 and prefilter in March 2014 and will replace on GAC2 in July 2014
	L/O T/O Valves		30560				2				LSS	5/28/2009	\$ 9.78	approx 10 year lifetime
	Manway yokes, bolts and nuts	Carbonair	PC-50				2	1			Carbonair	6/25/2010		approx 10 year lifetime
	Lateral Supports and Clamps	Carbonair	PC-50				set of 18		3/1/2014		Carbonair		\$ 2,175.00	replaced in lead, lag and prefilter (as needed during carbon changeout), put a new diffuser on GAC1 in March 2014
	Lateral Supports and Clamps	Carbonair	PC-20				set of 16		3/1/2014		Carbonair	1/12/2012	\$ 40.00	put a new diffuser on GAC1 in March 2014
	Manway 12 x 16 Gasket	Carbonair					6		7/5/2013		Carbonair	1/12/2012		replaced all manways (6) in 2013
	Drain	Carbonair	PC-50				2				Carbonair	9/10/2010	\$ 57.50	approx 10 year lifetime
	Differential Pressure Gauge	Moore	7MF4433-1HB22-1NC6-Z+A01+B21				1		1/28/2011		Siemens	11/30/2010	\$ 1,783.00	approx 10 year lifetime
	Neutralization Tank	Viatec, Inc.	OVF-72-1895-P		6' x 9'	1260 gal								have not replaced
	Caustic Feed Pump	Watson Marlow	624U or 624U/R								Drydon			approx 10 year lifetime
	Mixer	Braun	BGMF-200	30420	2 hp; 230/460 v; 60 hz		1			2/11/2012	Liquid Process Equipment	2/10/2012	\$ 4,180.00	replaced mixer motor (April 2014)
Neutralization System	pH Probes	Foxboro	873 PH-AIWCGZ transmitter/871 PH-2A1A-7 probe				1		4/8/2008	12/5/2008	Invensys Process Systems	10/21/2009		1 year lifetime
	pH Probe Electrode	Foxboro	22510				2	1	9/24/2009		Invensys Process Systems	6/7/2010	\$ 140.00	1 year lifetime
	pH Probe Sensor	Foxboro	871 PH-2A1A-7 probe				6			11/18/2010	Invensys Process Systems	11/17/2010		approx 10 year lifetime
	pH Probe Reference Kit	Foxboro	871 PH-2A1A-7 probe				6			11/18/2010	Invensys Process Systems	11/17/2010	\$ 81.00	approx 10 year lifetime
	pH Electrode Protective Sleeves	Foxboro	0051189				3	4			Invensys Process Systems	2/15/2008	\$ 58.00	approx 10 year lifetime

System	Equipment	Make	Model	s/N	Size	Capacity	Quantity Ordered	Spare Quantity	Date Last Replaced	Date Installed	Company Purchased From	Date Purchased	Price Notes: Replacement, Repairs, Lifetime		
	Old Bldg Air Compressor	Curtis Toledo	E-71 or 7HT12	A50040106	6' x 9'	1260 gal							have not replaced, no longer in service		
	Old Bldg Air Dryer	Hankison	HHL-90										have not replaced, no longer in service		
Communicate Air	Air Compressor	ALMiG	Combi 16/20		31"x 78"	81 cfm at 125 psi	1		Jan-12		Applied Air Systems	1/17/2012	\$ 13,510.00		
Compressor Air System	Service Kit for Air Compressor							1		6/28/2009	Clayhill	6/28/2009	\$ 549.96 approx 10 year lifetime		
5 ,555	· · · · · · · · · · · · · · · · · · ·	Hankison	DH-25										have not replaced		
	Air Mufflers	4110 Element	1 01056 X 02706				3	1			Motion Industries	8/27/2008	\$ 17.13 approx 10 year lifetime		
		1/8" Activated Alumina	3146257		50 pound		4				Applied Air Systems	7/26/2011	\$ 107.00 Applied Air changes desicant every years		
	Solenoids for Air Dryer	1/2" 2-way N/C, w/ junction box, spade 21778	JSF8210G094 AC 120/60, 110/50				2	1			Lesman Instrument	8/21/2008	\$ 137.00 approx 10 year lifetime		
		Viatec, Inc.	OVF-120-6462-P		6' x 9'	1260 gal							have not replaced		
		Braun	3BTO-5 or 3BTO5-70	30418									have not replaced		
Float	Level Sensor												have not replaced		
Management	HI/HI Level Switch												have not replaced		
	RDVF Feed Pump	Wilden	P2/SPPP/TS/TF/STF	SN0020474027					Oct-13				replaced in October 2013		
					401.11.40										
	Filtrate Storage Tank	Viatec, Inc.	OVF-120-7050-P		10' dia x 12 tall	4200 gal							have not replaced		
	Mixer	Braun	3BTO-2 or 3BTO2-70	30419									Mixer not in use, going to pull out of tank for use in other tanks as spare		
	Level Sensor	Hydroranger	7ML50341AA01				1				Siemens	12/27/2011	\$ 1,352.00 approx 10 year lifetime		
	HI/HI Level Switch					1 gpm							have not replaced		
	Filtrate Pump	Continental	CP33-CSQMP	CP3056			1	1	2008	8/14/2010	Liquid Process Equipment	8/16/2010	replaced in 2012 and have a spare \$ 885.00 onsite from Anderson Pump and Process		
	Coupler Inserts for Pump	Tarby	68514436384 (Item # 4WTW1)				2	1	1/28/2009		Grainger (Rob Orders)	10/12/2010	\$ 7.90 2 year lifetime		
	Stator for Pump	Continental	U5-33Q				2	1	10/22/2010	7/30/2011	Anderson Pump and Process/Liquid Process	7/27/2011	\$ 31.00 appear to replace filtrate pump parts every 1-2 years		
Filtrate System	Rotor for Pump	Continental	U5-33PTS				1		10/22/2010	7/30/2011	Anderson Pump and Process/Liquid Process	7/27/2011	\$ 131.00 1 year lifetime		
	Shaft for Pump						1			10/22/2010	Liquid Process Equipment	10/22/2010	\$ 77.00 approx 10 year lifetime		
	Bearings for Pump						2			10/22/2010	Liquid Process Equipment	10/22/2010	\$ 15.00 approx 10 year lifetime		
	Mechanical Seal Assembly for Pump	Tarby	S200-0024				1		3/24/2010	10/22/2010	Anderson Pump and Process/Liquid Process	10/22/2010	\$ 20.00 0.5 year lifetime		
	Flexible Joint-Buna for Pump	Tarby	S200-0023				1		3/24/2010	10/22/2010	Anderson Pump and Process/Liquid Process	10/22/2010	\$ 175.00 0.5 year lifetime		
	Filtrate Pump VFD												approx 10 year lifetime		
	Filtrate Pump Pin		320-4069-002				6				Liquid Process	12/23/2010	\$ 2.90 approx 10 year lifetime		
	Filtrate Flow Meter												have not replaced		
	Filtrate Pump Y Strainer												have not replaced, has never gone bad, but needs to be cleaned often		
	Control Panel CPU	Allen Bradley-SLC 500	1746P2						1		Holt Electrics	8/18/2008	\$ 494.00 approx 10 year lifetime		
	RDVF 3-way valve										DR Tech	5/9/2011	\$ 766.73 approx 10 year lifetime		
	· · · · · · · · · · · · · · · · · · ·	Alar	Model 360										have not replaced		
		Gates	Hi-Power II A47				2	1			Motion Industries	10/21/2009	\$ 6.46 approx 10 year lifetime		
	Vaccuum Pump, RDVF	Travaini	TRVA-65-300/G	1706	1				10/1/2013				approx 10 year lifetime		
	DAF Float Pump	ARO/ Ingersol Rand	6661BF-344-C	Jo243419					Jun-12				replaced in 2012 (pump for the sump)		
		ARO/ Ingersol Rand	66615X-X-C						2012				replaced washdown valve in 2012.		
		Lightnin		G917117									have not replaced		
	Recirculation Pump	Teel	IP852	598				1	11/30/2007				spare onsite, have not replaced		

System System	Equipment	Make	Model	S/N	Size	Capacity Quantit			Company Purchased From	Date Purchased	d P	rice	Notes: Replacement, Repairs, Lifetime
	Valve Seats	Wilden	02-1120-03			8	10/13/200	8	Anderson Pump and Process	11/4/2009	\$	24.90	1 year lifetime
	Valve Teflon Balls	Wilden	02-1080-55			4	12/22/200	8	Anderson Pump and Process	12/22/2008	\$	16.50	
	Valve Stainless Steel Balls	Wilden	02-1-80-SS		1"	8	12/22/200	8	Anderson Pump and Process	11/4/2009	\$	27.07	
	Valve Seals	Wilden	02-1200-55			8	10/13/200	8	Anderson Pump and Process	11/4/2009	\$	3.30	1 year lifetime
	Roller Screen	Alar					10/1/2013		Alar				Replaced October 2013
	Float Pump Chamber	Wilden	02-5000-03			2	11/11/200	8	Anderson Pump and Process	11/4/2009	\$	551.90	1 year lifetime
	Float Pump Diaphraghm	Wilden	02-1010-52			6	2009	1/11/2010	Anderson Pump and Process	1/11/2010	\$	33.30	1 year lifetime
	Float Pump Inlet House	Wilden	02-5080-03						Anderson Pump and Process				have not replaced
	Float Pump Disk Manifold	Wilden	02-5020-03						Anderson Pump and Process				have not replaced
RDVF	Float Pump Air Valve	Wilden	01-2010-20			1			Anderson Pump and Process	12/8/2009	\$	143.50	approx 10 year lifetime
	Float Pump A/V Gasket	Wilden	01-2615-52			1			Anderson Pump and Process	12/8/2009	\$	3.30	approx 10 year lifetime
	Float Pump Ring	Wilden	02-3210-55-225			2			Anderson Pump and Process	12/8/2009	\$	8.00	approx 10 year lifetime
	Float Pump Gasket	Wilden	01-3505-52			1			Anderson Pump and Process	12/8/2009	\$	4.20	approx 10 year lifetime
	Float Pump Washer	Wilden	02-6802-08			2			Anderson Pump and Process	12/8/2009	\$	1.20	approx 10 year lifetime
	Float Pump Inner Piston	Wilden	02-3701-01			2			Anderson Pump and Process	12/8/2009	\$	18.20	approx 10 year lifetime
	Float Pump Piston	Wilden	02-4550-01			2			Anderson Pump and Process	12/8/2009	\$	20.20	approx 10 year lifetime
	Float Pump Muffler	Wilden	01-3181-20			1			Anderson Pump and Process	11/24/2009	\$	16.00	approx 10 year lifetime
	Float Pump Center Section	Wilden	02-3145-20			1			Anderson Pump and Process	11/24/2009	\$	253.10	approx 10 year lifetime
	Float Pump Pilot Assembly	Wilden	02-3880-99			1			Anderson Pump and Process	12/8/2009	\$	95.50	approx 10 year lifetime
	Float Pump O-Ring	Wilden	01-2395-52			1			Anderson Pump and Process	12/8/2009	\$	1.10	approx 10 year lifetime
	Float Pump End Cap	Wilden	01-2332-20			1	12/23/200	9	Anderson Pump and Process	12/23/2009	\$	4.50	approx 10 year lifetime
	Float Pump Snap Ring	Wilden	00-2650-03			2			Anderson Pump and Process	12/8/2009	\$	7.80	approx 10 year lifetime
	Float Pump Shaft	Wilden	02-3810-03			1			Anderson Pump and Process		\$		approx 10 year lifetime
	Tilt Float Switch in Recirc. Tank	ATT006	24453/000001			2			Global Water	10/27/2008	\$		approx 10 year lifetime
	Ferric Sulfate Storage Tank	Safe-Tank	8700-gallon						Poly Processing Co.	<u></u>			approx 10 year lifetime
	Caustic Storage Tank	Safe-Tank	8700-gallon						Poly Processing Co.	 	-		approx 10 year lifetime
	Level Sensor	-								 			have not replaced
Chemical Storage	HI/HI Level Switch				 		+ + + + + + + + + + + + + + + + + + + +		+	 	-		have not replaced
Chemical Storage	Temperature Sensor Leak Detection									 	+		have not replaced have not replaced
	Heating Pads												have not replaced
	Ferric Tank Diaphram Valve		1-2521-TM-903			1			Swanson Flo-Systems	8/21/2009	\$		approx 10 year lifetime
	Heat Tracer						Jan-13			, , ====	\$400		replaced winter 2012
	i .		1		1								

System	Equipment	Make	Model	S/N	Size Capacit	Quantity Ordered		Date Last Date Replaced Installed	Company Purchased From	Date Purchased	Price	Notes: Replacement, Repairs, Lifetime
	Odorous Air Fans					2	2					replaced motors as needed (usually once every 2 years, 2 motors are spares on site), belts are replaced as needed (2 times per year)
	Make Air Units (Main Process Room)	Reznor	RDF-2-80									belts are replaced as needed. Motor drive was replaced in 2013.
HVAC	Make Air Units (RDVF Room)	Reznor	RDF-1-40									not operational
	Electric Unit Heater	Trane	UHEC-IM-7A			5	20:	13				Wall units, there are 5 onsite. RDVF room unit replaced in 2013. Replace heating coils as needed.
	Exhaust fan											have not replaced
	Odorous Air Belts (long)						5	9/29/2011				approx 10 year lifetime
	Odorous Air Belts (medium)						3	9/29/2011				approx 10 year lifetime
	Odorous Air Belts (short)						3	9/29/2011				approx 10 year lifetime
	Old Bldg Sump Level											have not replaced
	Plant Drain Sump Pumps					1	20:	12				Replaced in 2012.
	Plant Drain Sump Level Sensors											have not replaced
	Gas Regulator on Propane Tank					1	20:	11	Daniels Plumbing	9/29/2011		Replaced in winter 2011
	Monitoring Well Name Plates		42285			50			Seton	6/4/2008	\$ 168.10	approx 10 year lifetime
	Propane Pilot Light						1					Yearly inspection. Was replaced 2011.
	Furnace Pilot Light						1					Replaced in 2010.
	Furnace Power Light Bulbs						6					Replaced as needed - every couple of years.
	Thermostat						1					Replaced in 2014.
	Generator	Generac Power Systems				1	Au	g-09	North Country Plumbing and Heating			New battery put in 2013. Inspected every year.
	Hydropneumatic Tank								Ü		+	have not replaced
Building Misc	Temper Tank	Amtrol	WX-457-C									have not replaced
	Safety Showers											have not replaced, tested every month.
	Backflow preventor	Watts	919QTS			1	2/1	18/2010	C3D Testing Company	2/18/2010		approx 10 year lifetime, inspected every December
	Outside Light Bulbs						8					Replaced as needed - every couple of years.
	Sanitary Holding Tank Level Switch											have not replaced
	Reignitor Kit (40/40H & 80/40H) for propane tank		3-8683			2	5/1	1/2012	LPG & NH3 Supply	10/16/2008	\$ 251.37	3 year lifetime, replaced 2012
	NAPL Socks	Soakease	TB2-110		2 inch	12	8		Durham Geo Slope Indicator	4/19/2010	\$ 111.00	
	NAPL Canisters	Soakease	TB2-101		2 inch	4			Durham Geo Slope Indicator	4/19/2010	\$ 152.50	approx 10 year lifetime

Notes:

All level switches/sensors/trees are the Hydroranger 2000 which is very expensive; replace as needed, no spares on site.

For all pH probes/turbidity meter - have extra bulbs and sensors on site.

Air Compressor Systems: On warrenty and service with Applied Air Systems in MN. Service every 2000 hours.

Entire RDVF System is supplied/replaced/maintained via Alar.