Container ID	Building Location	Plating Line - Original Nomenclature	Plating Method	Container Type	Container Construction	Dimensions L x W x D (ft)	PRP Indicated Operational Capacity** (gal)	Identified Contents/Label (PRP, historic, tentative)	Hazcat/pH	Comments	Sample?
1	South	South Line Anodize	Anodize	vat	lead lined steel	12x3.5x5	800	Sulfuric Acid Anodizing (18%)			
2	South	South Line Anodize	Anodize	vat	lead lined steel	12x3x5	600	Water Anodizing Rinse	*		
3	South	South Line Anodize	Anodize	vat	steel	12x3x5	600	Water Anodizing Rinse	*		
4	South	South Line Anodize	Anodize	vat	steel	12x3x5	750	Caustic Soda Rinse	*		
5	South	South Line Anodize	Anodize	vat	steel	12x3x5	750	Caustic Soda, Etch Step	14	25% full - total volume. Sludge	
6	South	South Line Anodize	Anodize	vat	steel	12x3x5	750	Caustic Soda Rinse	*		
7	South	South Line Anodize	Anodize	vat	steel	12x3x5	750	Non-Chromate Deoxidizer Rinse	1		
8	South	South Line Anodize	Anodize	vat	steel	12x3x5	750	Deoxidizer	0	solid/liquid mixture	
9	South	South Line Anodize	Anodize	vat	PVC	12x4x5	900	Sulfuric Anodize	*		
10	South	South Line Anodize	Anodize	vat	steel	12x3x5	750	Anodize Rinse Water	2		
11	South	South Line Anodize	Anodize	vat	fiberglass	12x3x5	750	Chromate Rinse	7		
12	South	South Line Anodize	Anodize	vat	steel	12x3x5	750	Chromate (yellow color)	3		
13	South	South Line Anodize	Anodize	vat	lead lined steel	7x3x5	350	Chromate (yellow color)	6		OCMP-04. Metals, pH
14	South	South Line Anodize	Anodize	vat	steel	4x4x4	250	Yellow Anodize	*		
15	South	South Line Anodize	Anodize	vat	lead lined steel	12x3x5	750	Seal / Nickel Acetate	*		
16	South	South Line Anodize	Anodize	vat	steel	12x3x5	750	Seal / Water Rinse	0		
17	South	South Line Anodize	Anodize	vat	fiberglass	12x3x5	750	Black Anozide Rinse	2		
18	South	South Line Anodize	Anodize	vat	fiberglass	12x3x5	750	Black Anodize		Black Dye, unable to read pH paper	OCMP-05. Metals, pH
19	South	South Line Anodize	Anodize	vat	steel	6x3x5	400	Blue Anodize	*		
20	South	South Line Anodize	Anodize	vat	steel		200	Extra Color			
21	South	South Line Anodize	Anodize	vat	PVC		50	Extra Color			
22	South	South Line Anodize	Anodize	vat	steel		100	Extra Color			
23	South	South Line Anodize	Anodize	vat	steel		200	Red Anodize			
24	South	South Line Zinc Plating	Zinc	vat	PVC lined steel	8x4x3	750	Gold/Yellow Chromate	4		OCMP-03. Metals, pH
25	South	South Line Zinc Plating	Zinc	vat	steel	8x5x6	850	"Soap" Electrocleaner	4		
26	South	South Line Zinc Plating	Zinc	vat	rubber lined steel	8x5x6	850	Muriatic Acid	*		
27	South	South Line Zinc Plating	Zinc	vat	rubber lined steel	8x5x6	850	Muriatic Acid Rinse			
28	South	South Line Zinc Plating	Zinc	vat	rubber lined steel	8x5x6	850	Chromate Clear Color	*		
29	South	South Line Zinc Plating	Zinc	vat	PVC lined steel	8x5x6	850	Chromate Clear Color Rinse	1		
30	South	South Line Zinc Plating	Zinc	vat	rubber lined steel	8x6x6	900	Zinc Cyanide Solution	*		
31	South	South Line Zinc Plating	Zinc	vat	steel	8x6x6	900	Cyanide Rinse	11	first rinse?	OCMP-01/101. Metals, pH, CN
32	South	South Line Zinc Plating	Zinc	vat	steel	8x6x6	950	Cyanide Rinse	11	second rinse?	OCMP-02. Metals, pH, CN
33	South	South Line Zinc Plating	Zinc	vat	steel	8x5x6	850	Alkaline-Zinc Rinse	5		
34	South	South Line Zinc Plating	Zinc	vat	PVC lined steel	8x5x6	800	Alkaline Zinc Plating Solution	6		
35	South	South Line Zinc Plating	Zinc	vat	steel	8x1x6	200	Chromate			
36	South	South Line Zinc Plating	Zinc	vat	steel	8x1x6	200	Chromate	6		
37	South	South Line Zinc Plating	Zinc	vat	steel	2x2x6	50	"Wax" Sealer			
38	South	South Line Zinc Plating	Zinc	vat	steel	5x3x2	200	"Wax" Sealer			
39	South	South Line Zinc Plating	Zinc	vat	steel	8x3x2	400	Sealer Rinse	5	sludge/liquid. 25% full. First rinse?	
40	South	South Line Zinc Plating	Zinc	vat	steel	8x3x5	350	Sealer Rinse		second rinse?	
41	South	South Line Zinc Plating	Zinc	vat	steel	8x3x4	350	Electrocleaner Rinse			
42	South	South Line Zinc Plating	Zinc	vat	steel	8x4x3	500	"Soap" Electrocleaner	12		
43	South	Rainwater Capture Basin/tank	other	vat	steel		600	old Zinc Chloride; now used for rain water	5		
44	North	North Line Zinc Plating	Zinc	vat	steel	10x2x5	450	Electrocleaner Soap	1	PRP indicated that "electrocleaner soap" contains caustic soda.	
45	North	North Line Zinc Plating	Zinc	vat	steel	10x3x5	600	Electrocleaner Rinse	*		
46	North	North Line Zinc Plating	Zinc	vat	steel	10x3x5	600	Electrocleaner Second Rinse	*		
47	North	North Line Zinc Plating	Zinc	vat	rubber lined steel	10x2x5	450	Muriatic Acid	*		
48	North	North Line Zinc Plating	Zinc	vat	steel	10x2x5	400	Muriatic Acid Water Rinse	*		
49	North	North Line Zinc Plating	Zinc	vat	steel	10x3x5	600	Muriatic Acid Second Water Rinse			
50	North	North Line Zinc Plating	Zinc	vat	steel	10x4x5	900	Zinc Cyanide	*		OCMP-06. Metals, pH, CN
51	North	North Line Zinc Plating	Zinc	vat	rubber lined steel	10x4x5	900	Zinc Cyanide	*		
52	North	North Line Zinc Plating	Zinc	vat	fiberglass	10x2x5	450	Zinc Cyanide Rinse	*		
53	North	North Line Zinc Plating	Zinc	vat	fiberglass	10x2x5	450	Chromate Gold	*		
54	North	North Line Zinc Plating	Zinc	vat	fiberglass	10x2x5	450	Chromate Gold Rinse	*		
55	North	North Line Zinc Plating	Zinc	vat	fiberglass	10x2x5	450	Chromate Clear	*		
56	North	North Line Zinc Plating	Zinc	vat	fiberglass	10x2x5	450	Chromate Clear Rinse	*		
57	North	North Line Zinc Plating	Zinc	vat	fiberglass	10x2x5	450	"Final water rinse"			
WWT1	North	Waste Water Treatment System	N/A	tank	poly				5		
WWT4	North	Waste Water Treatment System	N/A	tank	poly				5		
WWT5	North	Waste Water Treatment System	N/A	tank	poly				5		
WWT6	North	Waste Water Treatment System	N/A	tank	poly		150	Hex-Chrome Treatment: pH adjust, Cr Reduction	2		OCMP-07. Waste Water Treatment System -Tank#6. Metals, pH, Cr6
Sump	North	Waste Water Treatment System	N/A	cistern	cistern				5		
WWT(x)	North	Waste Water Treatment System	N/A	tank	poly		150			Open top tank at east end of clarifier, white solids, mixer/agitator still in place.	OCMP-08. Metals, pH, Cr6, CN

*Paste pH not performed on solids

**PRP Indicated operational capacity differs from the total calculated volume for each vat. It is observed in the data that the PRP Indicated Operational Capacity is most likely the measurement of the actual volume of solution present in each vat during plating operations. It is assumed that solution levels in vats during operation were designed with the displacement of parts to-be plated in mind. Loosely based on trends observed in the data, it appears that the PRP Indicated Operational Capacity is roughly half of the total measured volume of the corresponding vat.

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Plating Line - Original Nomenclature	Dimensions L x W x D (ft)	Depth (in)	PRP indicated operational capacity ** (gal)	Total Calculated Vat Capacity*** (cu ft)	Total Calculated Vat Capacity (gal)	Calculated Volume per Inch of Depth (gal)	Est Remaining Liquid (inches)	Est Remaining Liquid Volume (gal)
South Line Anodize	12x3.5x5	60	800	210	1570.8	26.18		0
South Line Anodize	12x3x5	60	600	180	1346.4	22.44		0
South Line Anodize	12x3x5	60	600	180	1346.4	22.44		0
South Line Anodize	12x3x5	60	750	180	1346.4	22.44		0
South Line Anodize	12x3x5	60	750	180	1346.4	22.44	30	673.2
South Line Anodize	12x3x5	60	750	180	1346.4	22.44		0
South Line Anodize	12x3x5	60	750	180	1346.4	22.44	4	89.76
South Line Anodize	12x3x5	60	750	180	1346.4	22.44	2	44.88
South Line Anodize	12x4x5	60	900	240	1795.2	29.92		0
South Line Anodize	12x3x5	60	750	180	1346.4	22.44	3	67.32
South Line Anodize	12x3x5	60	750	180	1346.4	22.44	30	673.2
South Line Anodize	12x3x5	60	750	180	1346.4	22.44	36	807.84
South Line Anodize	7x3x5	60	350	105	785.4	13.09	30	392.7
South Line Anodize	4x4x4	48	250	64	478.72	9.973333333		0
South Line Anodize	12x3x5	60	750	180	1346.4	22.44		0
South Line Anodize	12x3x5	60	750	180	1346.4	22.44	3	67.32
South Line Anodize	12x3x5	60	750	180	1346.4	22.44	30	673.2
South Line Anodize	12x3x5	60	750	180	1346.4	22.44	30	673.2
South Line Anodize	6x3x5	6	400	90	673.2	112.2		0
South Line Anodize	?		200			#DIV/0!		
South Line Anodize	?		50			#DIV/0!		
South Line Anodize	?		100			#DIV/0!		
South Line Anodize	?		200			#DIV/0!	50%	100
							Sub Total	4263
South Line Zinc Plating	8x4x3	36	750	96	718.08	19.94666667	11	219.4133333
South Line Zinc Plating	8x5x6	72	850	240	1795.2	24.93333333	54	1346.4
South Line Zinc Plating	8x5x6	72	850	240	1795.2	24.93333333		0
South Line Zinc Plating	8x5x6	72	850	240	1795.2	24.93333333		0
South Line Zinc Plating	8x5x6	72	850	240	1795.2	24.93333333		0

Est Remaining Solids (inches)	Est Remaining Solid Volume (gal)	Identified Contents/Label (PRP, historic, tentative)	Hazcat/pH*
	0	Sulfuric Acid Anodizing (18%)	
1	22.44	Water Anodizing Rinse	*
1	22.44	Water Anodizing Rinse	*
12	269.28	Caustic Soda Rinse	*
	0	Caustic Soda, Etch Step	14
0.5	11.22	Caustic Soda Rinse	*
	0	Non-Chromate Deoxidizer Rinse	1
2	44.88	Deoxidizer	0
3	89.76	Sulfuric Anodize	*
	0	Anodize Rinse Water	2
	0	Chromate Rinse	7
	0	Chromate (yellow color)	3
	0	Chromate (yellow color)	6
6	59.84	Yellow Anodize	*
4	89.76	Seal / Nickel Acetate	*
	0	Seal / Water Rinse	0
	0	Black Anodize Rinse	2
	0	Black Anodize	
1	112.2	Blue Anodize	*
		Extra Color	
		Extra Color	
		Extra Color	
		Red Anodize	
Sub Total	722		
	0	Gold/Yellow Chromate	4
	0	"Soap" Electrocleaner	4
1	24.93333333	Muriatic Acid	*
	0	Muriatic Acid Rinse	
1	24.93333333	Chromate Clear Color	*

Comments
25% full - total volume. Sludge
solid/liquid mixture
Black Dye, unable to read pH paper

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WWT1
WWT4

South Line Zinc Plating	8x5x6	72	850	240	1795.2	24.93333333	18	448.8
South Line Zinc Plating	8x6x6	72	900	288	2154.24	29.92		0
South Line Zinc Plating	8x6x6	72	900	288	2154.24	29.92	18	538.56
South Line Zinc Plating	8x6x6	72	950	288	2154.24	29.92	44	1316.48
South Line Zinc Plating	8x5x6	72	850	240	1795.2	24.93333333	36	897.6
South Line Zinc Plating	8x5x6	72	800	240	1795.2	24.93333333	36	897.6
South Line Zinc Plating	8x1x6	72	200	48	359.04	4.986666667	36	179.52
South Line Zinc Plating	8x1x6	72	200	48	359.04	4.986666667	36	179.52
South Line Zinc Plating	2x2x6	72	50	24	179.52	2.493333333		0
South Line Zinc Plating	5x3x2	24	200	30	224.4	9.35		0
South Line Zinc Plating	8x3x2	24	400	48	359.04	14.96	6	89.76
South Line Zinc Plating	8x3x5	60	350	120	897.6	14.96		0
South Line Zinc Plating	8x3x4	48	350	96	718.08	14.96	12	179.52
South Line Zinc Plating	8x4x3	36	500	96	718.08	19.94666667	18	359.04
							Sub Total	6652
Rainwater Capture Basin/tank			600			#DIV/0!	100%	600
							Sub Total	600
North Line Zinc Plating	10x2x5	60	450	100	748	12.46666667	12	149.6
North Line Zinc Plating	10x3x5	60	600	150	1122	18.7		0
North Line Zinc Plating	10x3x5	60	600	150	1122	18.7		0
North Line Zinc Plating	10x2x5	60	450	100	748	12.46666667		0
North Line Zinc Plating	10x2x5	60	400	100	748	12.46666667		0
North Line Zinc Plating	10x3x5	60	600	150	1122	18.7		0
North Line Zinc Plating	10x4x5	60	900	200	1496	24.93333333		0
North Line Zinc Plating	10x4x5	60	900	200	1496	24.93333333		0
North Line Zinc Plating	10x2x5	60	450	100	748	12.46666667		0
North Line Zinc Plating	10x2x5	60	450	100	748	12.46666667		0
North Line Zinc Plating	10x2x5	60	450	100	748	12.46666667		0
North Line Zinc Plating	10x2x5	60	450	100	748	12.46666667		0
North Line Zinc Plating	10x2x5	60	450	100	748	12.46666667		0
North Line Zinc Plating	10x2x5	60	450	100	748	12.46666667		0
							Sub Total	150
Waste Water Treatment System						#DIV/0!		
Waste Water Treatment System						#DIV/0!		

	0	Chromate Clear Color Rinse	1
22	658.24	Zinc Cyanide Solution	*
	0	Cyanide Rinse	11
	0	Cyanide Rinse	11
	0	Alkaline-Zinc Rinse	5
	0	Alkaline Zinc Plating Solution	6
	0	Chromate	
	0	Chromate	6
	0	"Wax" Sealer	
	0	"Wax" Sealer	
	0	Sealer Rinse	5
	0	Sealer Rinse	
	0	Electrocleaner Rinse	
	0	"Soap" Electrocleaner	12
Sub Total	708		
	0	old Zinc Chloride; now used for rain water	5
Sub Total	0		
	0	Electrocleaner Soap	1
2	37.4	Electrocleaner Rinse	*
1	18.7	Electrocleaner Second Rinse	*
2	24.93333333	Muriatic Acid	*
2	24.93333333	Muriatic Acid Water Rinse	*
	0	Muriatic Acid Second Water Rinse	
39	972.4	Zinc Cyanide	*
30	748	Zinc Cyanide	*
1	12.46666667	Zinc Cyanide Rinse	*
1	12.46666667	Chromate Gold	*
1	12.46666667	Chromate Gold Rinse	*
3	37.4	Chromate Clear	*
1	12.46666667	Chromate Clear Rinse	*
	0	"Final water rinse"	
Sub Total	1914		
			5
			5

first rinse?
second rinse?
sludge/liquid. 25% full. First rinse?
second rinse?
PRP indicated that "electrocleaner soap" contains caustic soda.

WWT5
WWT6
Sump
WWT(x)

*Paste pH not performed on solids
**PRP Indicated operational capacity appears to differ from the total volume for each vat. It is assumed by trends in the data that the indicated operational capac
*** Total vat capacity is based on the physical dimensions of the vat observed by the sampling team in the field.

Waste Water Treatment System						#DIV/0!		
Waste Water Treatment System			150			#DIV/0!	50%	75
Waste Water Treatment System						#DIV/0!		
Waste Water Treatment System			150			#DIV/0!		
							Sub Total	75

:ity was the actual volume of solution present in each vat during operation and is significantly less than the total capacity of each vat. It is assumed that sol

			5
		Hex-Chrome Treatment: pH adjust, Cr Reduction	2
			5
50%	75		*
Sub Total	75		

ution levels in vats during operation were optimized, and designed, with the displacement of parts to-be plated in m

Open top tank at east end of clarifier, white solids, mixer/agitator still in place.

ıind. you wouldn't want to fill the vat then add a bunch of parts to it.