Table 1
Container Inventory
Hilton Chrome
Lawrence, Massachusetts

Container No.	Container Type	Contents[1]	Size[2,3]	Location	pH[4]	Ahura Sample[5]	Lab Sample[6]
D-1	Drum	Unknown	55 gal Poly	W room, SW corner	1	Y	Y
D-2	Drum	Unknown	55 gal Poly	W room, south center	7	Y	Y
D-3	Drum	Unknown	55 gal Poly	W room, south center	1	Y	Y
D-4	Drum	Unknown sludge	55 gal Poly	W room, south center	--	Y	Y
D-5	Drum	Rainwater	55 gal Poly	W room, NW corner	14	Y	Y
D-6	Drum	Rainwater	55 gal Poly	W room, NW corner	7	Y	
D-7	Drum	Good Acid Copper Solution	55 gal Poly	W room, center pallets	0-1	Y	
D-8	Drum	Good Acid Copper Solution	55 gal Poly	W room, center pallets	0-1		
D-9	Drum	Good Acid Copper Solution	55 gal Poly	W room, center pallets	0-1	Y	
D-10	Drum	Good Acid Copper Solution	55 gal Poly	W room, center pallets	0-1		
D-11	Drum	Good Acid Copper Solution	55 gal Poly	W room, center pallets	0-1	Y	Y
D-12	Drum	Good Acid Copper Solution	55 gal Poly	W room, center pallets	0-1		
D-13	Drum	Good Acid Copper Solution	55 gal Poly	W room, center pallets	0-1	Y	
D-14	Drum	Good Acid Copper Solution	55 gal Poly	W room, center pallets	0-1		
D-15	Drum	Good Acid Copper Solution	55 gal Poly	W room, center pallets	0-1		
V8	Drum	Aluminum Zincate	½ 55 gal Poly	E room, S Vat Line 2	13	Y	Y
V21	Drum	1% Hydrochloric Acid	55 gal Poly	E room, N Vat Line	2	Y	
V37	Drum	Sludge Tank	< 55 gal (55 gal Poly)	Wastewater Treatment	7		
--	Drum	Nitric Acid	55 gal Steel	W room, center pallets	--		
--	Drum	Muriatic Acid	55 gal Poly	W room, center pallets	--		
--	Drum	Sulfuric Acid	55 gal Poly	W room, center pallets	--		
--	Drum	Sulfuric Acid	55 gal Poly	W room, center pallets	--		
--	Drum	Sulfuric Acid- Electrostrip	55 gal Poly	W room, center pallets	--		
--	Drum	Sodium Hydroxide	55 gal Poly	W room, NE corner	--		
--	Drum	Aquaease	55 gal Poly	W room, NE corner	--		
--	Drum	Sodium Hyperchlorite	55 gal Poly	W room, NE corner	--		

Table 1
Container Inventory
Hilton Chrome
Lawrence, Massachusetts

Container No.	Container Type	Contents[1]	Size[2,3]	Location	pH[4]	Ahura Sample[5]	Lab Sample[6]
--	Drum	Polymer	55 gal Poly	W room, E wall	5		
--	Drum	Sodium Bisulfate (dried/crystallized)	55 gal Poly	W room, E wall	--		
--	Drum	Sulfuric Acid	55 gal Poly	2nd floor, W room	--		
--	Drum	Sodium Hydroxide 10%	15 gal Poly	Wastewater Treatment	14		
--	Drum	Sulfuric Acid 10%	15 gal Poly	Wastewater Treatment	0		
--	Drum	Muriatic Acid 20%	55 gal Poly	E room, SE corner	--		
--	Drum	Muriatic Acid 20%	55 gal Poly	E room, SE corner	--		
--	Drum	Muriatic Acid 20%	55 gal Poly	E room, SE corner	--		
--	Drum	Muriatic Acid 20%	55 gal Poly	E room, SE corner	--		
--	Drum	Aquaease	55 gal Poly	E room, SE corner	--		
--	Drum	Caustic Soda Liquid 50%	55 gal Poly	E room, SE corner	--		
--	Drum	Hazardouse Waste- Cyanide Waste (Green liquid and crystals)	< 10 gal (55 gal Poly)	E room, N Vat Line	11		
--	Drum	Nickel Anode Bags (debris in container)	(55 gal)	E room, N Vat Line	--		
--	Drum	Copper Cyanide (empty)	(10 gal)	E room, N Vat Line	--		
--	Drum	Sodium Cyanide (empty)	(15 gal)	E room, N Vat Line	--		
V1	Vat	Nickel Strike	< 135 gal	E room, S Vat Line 2	5		
V2	Vat	Nitric Acid Rack Strip (covererd)	< 35 gal	E room, S Vat Line 2	1		
V3	Vat	Nitric Acid Rack Strip	< 400 gal	E room, S Vat Line 2	0	Y	
V4	Vat	10% Sulfuric Acid	< 535 gal	E room, S Vat Line 2	1	Y	
V5	Vat	Acid Dragout	< 135 gal	E room, S Vat Line 2	1		
V6	Vat	Nitric Acid Rack Strip Drag	< 400 gal split[7]	E room, S Vat Line 2	1	Y	
V7	Vat	Nitric Acid Rack Strip	< 400 gal	E room, S Vat Line 2	0	Y	
V9	Vat	Aluminum Soap (dried/crystallized)	< 1/2 full	E room, S Vat Line 1	--		
V10	Vat	Aluminum Soap Drag	< 1/2 full	E room, S Vat Line 1	4		
V11	Vat	Aluminum Etch GHF (crystallized/frozen)	< 1/2 full	E room, S Vat Line 1	--		

Table 1
Container Inventory
Hilton Chrome
Lawrence, Massachusetts

Container No.	Container Type	Contents[1]	Size[2,3]	Location	pH[4]	Ahura Sample[5]	Lab Sample[6]
V12	Vat	Aluminum Etch Drag (frozen)	< 70 gal (½ full)	E room, S Vat Line 1	4		
V13	Vat	Aluminum… (illegible)	< 65 gal (⅓ full)	E room, S Vat Line 1	1	Y	
V14	Vat	Acid Rinse	< 135 gal	E room, S Vat Line 1	2		
V15	Vat	(unlabeled) Dry/Empty		E room, S Vat Line 1	--		
V16	Vat	Hot Water (frozen)	< 135 gal	E room, S Vat Line 1	5		
V17	Vat	Acid Copper (blue, some crystallization)	(3500 gal)	E room, SE corner	1		
V18	Vat	Soak Cleaner, Aquaease 917L	< 135 gal	E room, N Vat Line	14		
V19	Vat	Aquaease 917L, Soak Cleaner	< 535 gal	E room, N Vat Line	13	Y	Y
V20	Vat	Electrocleaner, Aquaease E-159	< 400 gal	E room, N Vat Line	13		
V22	Vat	Cleaner Rinse	< 400 gal	E room, N Vat Line	11		
V23	Vat	Hydrochloric Acid 20%	< 270 gal	E room, N Vat Line	0	Y	
V24	Vat	Acid Rinse (frozen)	< 400 gal	E room, N Vat Line	--		
V25	Vat	Hydrochloric Acid 30%	< 270 gal	E room, N Vat Line	0	Y	
V26	Vat	Hazardouse Waste- Cyanide Waste (crystals, colors vary)	< 1/2 full	E room, N Vat Line	--	Y	
V27	Vat	Cyanide Drag	< 180 gal	E room, N Vat Line	11		
V28	Vat	Cyanide Copper Strike	< 400 gal	E room, N Vat Line	10	Y	Y
V29	Vat	Bright Acid Nickel	< 535 gal	E room, N Vat Line	5	Y	Y
V30	Vat	Nickel Drag	< 400 gal	E room, N Vat Line	6		
V31	Vat	Chrome	< 400 gal	E room, N Vat Line	1	Y	
V32	Vat	Chrome Drag	< 135 gal	E room, N Vat Line	1		
V33	Vat	Chrome Drag	< 400 gal split[7]	E room, N Vat Line	2		
V34	Vat	Hot Water (frozen)	< 135 gal	E room, N Vat Line	5		
V35	Vat	Chrome Destruct I	< 375 gal	Wastewater Treatment	4	Y	
V36	Vat	Settling Tank (unreachable for sampling)	< 460 gal	Wastewater Treatment	8*		

Table 1
Container Inventory
Hilton Chrome
Lawrence, Massachusetts

Container No.	Container Type	Contents[1]	Size[2,3]	Location	pH[4]	Ahura Sample[5]	Lab Sample[6]
V38	Vat	Cyanide I Destruct	< 540 gal	Wastewater Treatment	11		
V39	Vat	Cyanide 2 Destruct (frozen)	< 135 gal (<⅓ full)	Wastewater Treatment	--		
V40	Vat	Cyanide Rinse (inset into floor)		Wastewater Treatment	11	Y	
V41	Vat	Acid Alkaline Rinse Water Sump (inset into floor)		Wastewater Treatment	4		
V42	Vat	Final Treated Rinsewater (inset into floor)		Wastewater Treatment	5		
V43	Vat	Cyanide Rinse Water	< 15,000 gal	Wastewater Treatment	--		
V44	Vat	Acid Alkaline Holding Tank	< 15,000 gal	Wastewater Treatment	--		
V45	Vat	Batch Treatment Tank (Acid Copper from V17)	< 3500 gal	W room, SE corner	1	Y	Y
V46	Vat	Acid Holding Tank	< 270 gal	W room, SE corner	4		
--	Vat	pH Adjust	< 375 gal	E room, NW loft	--		
--	Vat	Hazardous Waste- Chrome Tank Sludge	< 135 gal	W room, SE corner	--		

gal = gallon. % = percent.

1: Most containers were labeled with a hand-written Right-to-Know sticker, applied by the business owner.
A portion of drums (muriatic, sulfuric, and nitric acids) also had the original manufacturer's label.

2: For drums, the approximate volume of the drum is listed; drums known to be empty or partially full have the drum volume in parentheses.

3: For vats, the approximate volume of the vat was calculated from the exterior dimension, based on the observed depth or dimension of material in the vat. The '<' symbol indicates that the size or material volume was estimated.

4: pH values were collected using pH paper during the sampling and inventory.

5: An aliquot of material was collected for analysis on the Ahura(R) First Defender (FD) Raman Laser Spectrometer.

6: An 8 ounce jar of material was collected (at the discretion of the OSC) for laboratory analysis for metals and cyanide.

7: The vat was a divided container, with a full or partial wall through the center of the vat, dividing the length.

* pH was collected from the drip-pipe to V37 (drum)

-- = Container was not assigned a number, or pH was not recorded.