SAMPLING TRIP REPORT

SITE NAME: Standard Chlorine Site
TDD #: 02-01-05-0018
DCN #: RST-02-F-00355

EPA I.D. NO.: RM

SAMPLING DATES: July 18, 20, 23, 2001

1. **Site Location:** 1015 Belleville Turnpike, Kearny, NJ 07032

2. **Sample Descriptions:** Refer to the Sample Inventory Logs (Attachment B).

3. **Laboratories Receiving Samples:**

Sample Type	Name/Address of Laboratory	Parameters
Asbestos Containing Material	Triangle Laboratories 801 Capitola Drive Durham, NC 27713	Dioxin
Asbestos Containing Material	Severn Trent Laboratories 10 Hazelwood Drive Amherst, NY 14228	Target Compound List (TCL) Polychlorinated Biphenyls (PCBs)
Asbestos Containing Material	Datachem 900 West Levoy Drive Salt Lake City, UT 84123	Asbestos Fiber Content Determinations
Waste (Solids and Liquids)	Severn Trent Laboratories 10 Hazelwood Drive Amherst, NY 14228	TCL Volatiles, Target Analyte List (TAL) Metals, Hexavalent Chromium, Toxicity Characteristic Leachate Procedure (TCLP) VOA, TCLP Metals

4. **Sample Dispatch Data:**

On July 20, 2001, 33 field samples, including two field duplicate samples and three sets of extra volume for Matrix Spike/Matrix Spike Duplicate (MS/MSD) analyses were shipped to Severn Trent Laboratories, Datachem Laboratories, and Triangle Laboratories for analysis. The samples were shipped under Federal Express (FedEx) Airbills 821262943619, 821262943608, 821262943620, and 821034605912 (Attachment A). On July 23, 2001, 11 field samples, including one field duplicate sample and one set of extra volume for MS/MSD analysis were shipped to Datachem Laboratories under FedEx airbill 829311255888.

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5. **Personnel On Site:**

Name	Affiliation	Duties On-Site
Neil Norrell	U.S. EPA -Region II	On-Scene Coordinator
Robert Finke	RST - Region II	RST Project Manager/Site QC
Christoph Stannik	RST - Region II	Field Chemist/Sampler
Michael Garibaldi	RST - Region II	Sampler/Support
Dean Maser	RST - Region II	Sampler/Support
Craig Frankie	RST - Region II	Sampler/Support
Paul Potvin	RST - Region II	Sampler/Support
Smita Sumbaly	RST - Region II	Lab Procurement, Data Validation

6. **Additional Comments:**

On July 18, 20, and 23 2001 RST personnel collected 44 field samples from a total of 551 Drums stored in shipping containers at the subject site. The Drums were removed from the shipping containers into an adjacent warehouse for Drum inspection and sample collection. RST personnel inspected each Drum to determine the physical contents inside of each Drum. Upon determining the contents of each Drum, RST collected selected samples for on-site hazard categorization. Based upon the contents determination and hazard categorization, RST collected samples for off-site laboratory analysis. Of the 44 samples collected for off-site laboratory analysis, 25 were determined to be asbestos containing material (ACM) and were submitted for TCL PCB analysis. The Drums containing the ACM were stored in shipping containers 1 through 4 and were identified by the sample prefix TO-1, TO-2, TO-3, and TO-4. In addition to the PCB determinations, 12 of the 25 ACM samples were submitted for asbestos fiber content and dioxin determinations.

Eight solid waste samples were collected for the analysis of TCL volatile organic compounds, PCBs, TAL metals, hexavalent chromium, TCLP metals, and dioxin. The solid waste samples are identified by the sample suffix "CC", "COMP", or "LS". The samples containing the "CC" suffix were identified as "tank bottoms" during a previous investigation at the Site The "COMP" suffix indicates the sample was a composite sample, and the "LS" suffix indicates that the sample was collected from Drums previously identified as "lagoon solids." All solid waste samples represented composite samples from Drums labeled similarly and containing the same type of contents (see Attachment B for a description of Drum contents, field screening results and the samples collected).

Eleven liquid waste samples were collected and submitted for the analysis of TCL volatiles, PCBs, TAL metals, hexavalent chromium and TCLP metals. All liquid samples were collected on July 23, 2001. Table 1 includes a full description of the sample collection information.

Attachment A includes the Site Location Map, Attachment B list the Drum Inventory Logs and Field Testing Results, Attachment C includes the Airbill Records. Attachment D includes the sample Chain-Of-Custody Records. Attachment E includes preliminary laboratory data.

7. **Weather Condition:**

Weather conditions during the field activities of July 17-24, 2001 were mostly sunny and hot with temperatures ranging from the low seventies to the low nineties .

8. **Report Prepared by:**

Robert C. Finke, Site Project Manager

Date: 8/16/01

9. **Report Reviewed by:**

John Brennan, Group Leader

Date: 8/16/01

Table 1
Summary of Collected Samples
Standard Chlorine Site
Kearny, New Jersey

Sample ID	Sample Description/Matrix	Sample Date/Time	Sample Type	Analysis
SC-T02-119	ACM	7/18/01/13:55	Grab-Drum 119	Asbestos Content, PCBs, Dioxin
SC-T03-214	ACM	7/18/01/13:52	Grab-Drum 214	Asbestos Content, PCBs, Dioxin
SC-T03-300	ACM	7/18/01/13:46	Grab-Drum 300	Asbestos Content, PCBs, Dioxin
SC-T04-362	ACM	7/18/01/13:35	Grab-Drum 362	Asbestos Content, PCBs, Dioxin
SC-T01-103	ACM	7/18/01/13:40	Grab-Drum 103	Asbestos Content, PCBs, Dioxin
SC-T01-0130*	ACM	7/18/01/13:25	Grab-Drum 013	Asbestos Content, PCBs, Dioxin
SC-T01-013	ACM	7/18/01/13:25	Grab-Drum 013	Asbestos Content, PCBs, Dioxin
SC-T03-224	ACM	7/18/01/13:55	Grab-Drum 224	Asbestos Content, PCBs, Dioxin
SC-T01-043	ACM	7/18/01/13:50	Grab-Drum 043	Asbestos Content, PCBs, Dioxin
SC-T04-402	ACM	7/18/01/13:45	Grab-Drum 402	Asbestos Content, PCBs, Dioxin
SC-T02-157	ACM	7/18/01/14:02	Grab-Drum 157	Asbestos Content, PCBs, Dioxin
SC-T02-194	ACM	7/18/01/14:03	Grab-Drum 194	Asbestos Content, PCBs, Dioxin
SC-T04-333	ACM	7/18/01/13:25	Grab-Drum 333	PCBs
SC-T02-178	ACM	7/18/01/14:04	Grab-Drum 178	PCBs
SC-T01-002	ACM	7/18/01/13:32	Grab-Drum 002	PCBs
SC-T01-087	ACM	7/18/01/13:45	Grab-Drum 087	PCBs
SC-T03-290	ACM	7/18/01/13:47	Grab-Drum 290	PCBs
SC-T01-069	ACM	7/18/01/13:43	Grab-Drum 069	PCBs
SC-T02-154	ACM	7/18/01/14:00	Grab-Drum 154	PCBs
SC-T04-405	ACM	7/18/01/13:39	Grab-Drum 405	PCBs
SC-T02-111	ACM	7/18/01/13:52	Grab-Drum 111	PCBs
SC-T01-057	ACM	7/18/01/13:36	Grab-Drum 057	PCBs
SC-T03-221	ACM	7/18/01/13:53	Grab-Drum 221	PCBs
SC-T03-325	ACM	7/18/01/13:44	Grab-Drum 325	PCBs
SC-T04-355	ACM	7/18/01/13:28	Grab-Drum 355	PCBs
SC-CC9	Tank Bottoms/Solids	7/20/01/09:15	Composite of Drums 519-530, 533	VOA, PCBs, TAL Metals, Cr+6, TCLP Metals

Table 1
Summary of Collected Samples
Standard Chlorine Site
Kearny, New Jersey

Sample ID	Sample Description/Matrix	Sample Date/Time	Sample Type	Analysis
SC-CC10	Tank Bottoms/Solids	7/20/01/09:30	Composite of Drums 532, 536, 538-541, 543-547	VOA, PCBs, TAL Metals, Cr+6, TCLP Metals
SC-CC11	Tank Bottoms/Solids	7/20/01/09:40	Composite of Drums 416, 426, 433, 446, 468, 473, 480, 487, 494, 497, 511, 513-514, 516, 518	VOA, PCBs, TAL Metals, Cr+6, TCLP Metals
SC-CC12	Tank Bottoms/Solids	7/20/01/10:15	Composite of Drums 418, 419, 421, 495-499, 501-502, 504, 507, 509, 510, 548, 549	VOA, PCBs, TAL Metals, Cr+6, TCLP Metals
SC-CC13	Tank Bottoms/Solids	7/20/01/10:30	Composite of Drums 411, 429, 431, 432, 436, 437, 447-463, 465-467, 471, 478, 483, 490, 492	VOA, PCBs, TAL Metals, Cr+6, TCLP Metals
SC-COMP1	Tank Bottoms/Solids	7/20/01/10:45	Composite of Drums 519-530, 533, 532, 536, 538-541, 543-547, 416, 426, 433, 446, 468, 473, 480, 487, 494, 497, 511, 513-514, 516, 518, 418, 419, 421, 495-499, 501-502, 504, 507, 509, 510, 548, 549, 411, 429, 431, 432, 436, 437, 447-463, 465-467, 471, 478, 483, 490, 492	VOA, PCBs, TAL Metals, Cr+6, TCLP Metals, Dioxins
SC-LS-001	Tank Bottoms/Solids	7/20/01/13:30	Grab Sample From Drum 396	VOA, PCBs, TAL Metals, Cr+6, TCLP Metals, Dioxins
SC-DC-COMP1	Tank Bottoms/Solids	7/20/01/14:15	Composite From Drums 225, 226, 277 formerly identified as "Drill Cuttings"	VOA, PCBs, TAL Metals, Cr+6, TCLP Metals, Dioxins
SC-CC11-COMP	Tank Bottoms/Liquid	7/23/01/10:25	Composite of Drums 410, 451, 491, 500, 503, 505, 506, 517, 550	VOA, PCBs, TAL Metals, Cr+6, TCLP Metals

Table 1
Summary of Collected Samples
Standard Chlorine Site
Kearny, New Jersey

Sample ID	Sample Description/Matrix	Sample Date/Time	Sample Type	Analysis
SC-229	Oily Debris/Liquid	7/23/01/10:30	Grab Sample of Liquid from Drum #229	VOA, PCBs, TAL, Cr+6,
SC-241515	Oily Debris/Liquid	7/23/01/10:33	Composite of Liquid in Drums 241 and 515	VOA, PCBs, TAL, Cr+6,
SC-230	Oily Debris/Liquid	7/23/01/11:30	Grab Sample of Liquid in Drum 230	VOA, PCBs, TAL, Cr+6,
SC-228	Oily Debris/Liquid	7/23/01/11:38	Grab Sample of Liquid in Drum 228	VOA, PCBs, TAL, Cr+6,
SC-243	Oily Debris/Liquid	7/23/01/11:40	Grab Sample of Liquid in Drum 243	VOA, PCBs, TAL, Cr+6,
SC-493	Oily Debris/Liquid	7/23/01/11:45	Grab Sample of Liquid in Drum 493	VOA, PCBs, TAL, Cr+6
SC-PURH1	Purge Water/Liquid	7/23/01/12:00	Composite of Liquids From Drums 249, 262, 267, 268	VOA, PCBs, TAL, Cr+6
SC-PHD-001**	Purge Water/Liquid	7/23/01/12:15	Field Duplicate of Sample SC-PURH1	VOA, PCBs, TAL, Cr+6
SC-PURM1	Purge Water Neutral pH	7/23/01/12:30	Composite of Liquids From Drums 237, 246, 246, 250	VOA, PCBs, TAL, Cr+6
SC-DFCOMP1	Drill Fluids/Liquid	7/23/01/ 14:00	Composite of Liquids From Drums Marked Drilling Fluids including Drums 376-386	VOA, PCBs, TAL, Cr+6

* Field Duplicate sample of SC-T01-013
** Field Duplicate of sample SC-PURH1
Note: Cr+6 represents analysis for hexavalent chromium.

ATTACHMENT A

Site Location Map

1015 BELLEVILLE TPKE, KEARNY, NJ, 07032-4410, US

WESTON MANAGERS DESIGNERS/CONSULTANTS Roy F. Weston, Inc. FEDERAL PROGRAMS DIVISION	EPA OSC N. Norrell	Standard Chorine Site
IN ASSOCIATION WITH INLAND POLLUTION P.R., INC, RESOURCE APPLICATIONS, INC., AND GRB ENVIRONMENTAL SERVICES, INC.	RST Site PM R. Finke	Figure 1: Site Map

ATTACHMENT B

Drum Inventory Logs
and
Field Testing Results

Standard Chlorine Site
Drum Inventory
July 17-23 2001

DRUM NUMBER	CONTAINER NUMBER	CONTAINER DESCRIPTION	CONTENTS
1	1	57 Gallon Poly	Double Bagged ACM - No Water
2*	1	57 Gallon Poly	Double Bagged ACM - No Water
3	1	57 Gallon Poly	Double Bagged ACM With Water
4	1	57 Gallon Poly	Double Bagged ACM - No Water
5	1	57 Gallon Poly	Double Bagged ACM - No Water
6	1	57 Gallon Poly	Double Bagged ACM - No Water
7	1	57 Gallon Poly	Double Bagged ACM - No Water
8	1	57 Gallon Poly	Double Bagged ACM - No Water
9	1	57 Gallon Poly	Double Bagged ACM - No Water
10	1	57 Gallon Poly	Double Bagged ACM - No Water
11	1	57 Gallon Poly	Double Bagged ACM With Water
12	1	57 Gallon Poly	Double Bagged ACM - No Water
13*	1	57 Gallon Poly	Double Bagged ACM - No Water
14	1	57 Gallon Poly	Double Bagged ACM - No Water
15	1	57 Gallon Poly	Double Bagged ACM With Water
16	1	57 Gallon Poly	Double Bagged ACM - No Water
17	1	57 Gallon Poly	Double Bagged ACM With Water
18	1	57 Gallon Poly	Double Bagged ACM - No Water
19	1	57 Gallon Poly	Double Bagged ACM - No Water
20	1	57 Gallon Poly	Double Bagged ACM - No Water
21	1	57 Gallon Poly	Double Bagged ACM - No Water
22	1	57 Gallon Poly	Double Bagged ACM With Water
23	1	57 Gallon Poly	Double Bagged ACM - No Water
24	1	57 Gallon Poly	Double Bagged ACM - No Water
25	1	57 Gallon Poly	Double Bagged ACM - No Water
26	1	57 Gallon Poly	Double Bagged ACM - No Water
27	1	57 Gallon Poly	Double Bagged ACM - No Water
28	1	57 Gallon Poly	Double Bagged ACM With Water
29	1	57 Gallon Poly	Double Bagged ACM - No Water
30	1	57 Gallon Poly	Double Bagged ACM - No Water
31	1	57 Gallon Poly	Double Bagged ACM - No Water
32	1	57 Gallon Poly	Double Bagged ACM - No Water
33	1	57 Gallon Poly	Double Bagged ACM - No Water
34	1	57 Gallon Poly	Double Bagged ACM - No Water
35	1	57 Gallon Poly	Double Bagged ACM - No Water
36	1	57 Gallon Poly	Double Bagged ACM With Water
37	1	57 Gallon Poly	Double Bagged ACM - No Water
38	1	57 Gallon Poly	Double Bagged ACM - No Water
39	1	57 Gallon Poly	Double Bagged ACM - No Water
40	1	57 Gallon Poly	Plastic Sheeting - Full - No Water
41	1	57 Gallon Poly	Double Bagged ACM - No Water
42	1	57 Gallon Poly	Double Bagged ACM - No Water
43*	1	57 Gallon Poly	Double Bagged ACM - No Water
44	1	57 Gallon Poly	Double Bagged ACM - No Water
45	1	57 Gallon Poly	Double Bagged ACM - No Water
46	1	57 Gallon Poly	Double Bagged ACM - No Water
47	1	57 Gallon Poly	Double Bagged ACM With Water
48	1	57 Gallon Poly	Double Bagged ACM - No Water
49	1	57 Gallon Poly	Double Bagged ACM - No Water
50	1	57 Gallon Poly	Double Bagged ACM - No Water

Standard Chlorine Site
Drum Inventory
July 17-23 2001

DRUM NUMBER	CONTAINER NUMBER	CONTAINER DESCRIPTION	CONTENTS
51	1	57 Gallon Poly	Double Bagged ACM With Water
52	1	57 Gallon Poly	Double Bagged ACM - No Water
53	1	57 Gallon Poly	Double Bagged ACM With Water
54	1	57 Gallon Poly	Double Bagged ACM With Water
55	1	57 Gallon Poly	Double Bagged ACM - No Water
56	1	57 Gallon Poly	Double Bagged ACM - No Water
57*	1	57 Gallon Poly	Double Bagged ACM - No Water
58	1	57 Gallon Poly	Double Bagged ACM - No Water
59	1	57 Gallon Poly	Double Bagged ACM With Water
60	1	57 Gallon Poly	Double Bagged ACM - No Water
61	1	57 Gallon Poly	Double Bagged ACM With Water
62	1	57 Gallon Poly	Double Bagged ACM - No Water
63	1	57 Gallon Poly	Double Bagged ACM With Water
64	1	57 Gallon Poly	Double Bagged ACM With Water
65	1	57 Gallon Poly	Double Bagged ACM - No Water
66	1	57 Gallon Poly	Double Bagged ACM - No Water
67	1	57 Gallon Poly	Double Bagged ACM - No Water
68	1	57 Gallon Poly	Double Bagged ACM - No Water
69*	1	57 Gallon Poly	Double Bagged ACM - No Water
70	1	57 Gallon Poly	Double Bagged ACM - No Water
71	1	57 Gallon Poly	Double Bagged ACM - No Water
72	1	57 Gallon Poly	Double Bagged ACM - No Water
73	1	57 Gallon Poly	Double Bagged ACM - No Water
74	1	57 Gallon Poly	Double Bagged ACM - No Water
75	1	57 Gallon Poly	Double Bagged ACM With Water
76	1	57 Gallon Poly	Rock, Soil, Debris - Full
77	1	57 Gallon Poly	Double Bagged ACM With Water
78	1	57 Gallon Poly	Double Bagged ACM With Water
79	1	57 Gallon Poly	Double Bagged ACM - No Water
80	1	57 Gallon Poly	Double Bagged ACM With Water
81	1	57 Gallon Poly	Double Bagged ACM - No Water
82	1	57 Gallon Poly	Double Bagged ACM - No Water
83	1	57 Gallon Poly	Double Bagged ACM With Water
84	1	57 Gallon Poly	Double Bagged ACM - No Water
85	1	57 Gallon Poly	Double Bagged ACM - No Water
86	1	57 Gallon Poly	Double Bagged ACM - No Water
87*	1	57 Gallon Poly	Double Bagged ACM - No Water
88	1	57 Gallon Poly	Double Bagged ACM - No Water
89	1	57 Gallon Poly	Double Bagged ACM - No Water
90	1	57 Gallon Poly	Double Bagged ACM With Water
91	1	57 Gallon Poly	Double Bagged ACM - No Water
92	1	57 Gallon Poly	Double Bagged ACM - No Water
93	1	57 Gallon Poly	Double Bagged ACM - No Water
94	1	57 Gallon Poly	Double Bagged ACM - No Water
95	1	57 Gallon Poly	Double Bagged ACM - No Water
96	1	57 Gallon Poly	Double Bagged ACM - No Water
97	1	57 Gallon Poly	Double Bagged ACM - No Water
98	1	57 Gallon Poly	Double Bagged ACM - No Water
99	1	57 Gallon Poly	Double Bagged ACM - No Water
100	1	57 Gallon Poly	Double Bagged ACM - No Water

Standard Chlorine Site
Drum Inventory
July 17-23 2001

DRUM NUMBER	CONTAINER NUMBER	CONTAINER DESCRIPTION	CONTENTS
101	1	57 Gallon Poly	Double Bagged ACM - No Water
102	1	57 Gallon Poly	Double Bagged ACM - No Water
103*	1	57 Gallon Poly	Double Bagged ACM - No Water
104	1	57 Gallon Poly	Double Bagged ACM - No Water
105	1	57 Gallon Poly	Double Bagged ACM - No Water
106	1	57 Gallon Poly	Double Bagged ACM - No Water
107	1	57 Gallon Poly	Double Bagged ACM - No Water
108	1	57 Gallon Poly	Double Bagged ACM - No Water
109	2	57 Gallon Poly	Double Bagged ACM - No Water
110	2	57 Gallon Poly	Double Bagged ACM - No Water
111*	2	57 Gallon Poly	Double Bagged ACM - No Water
112	2	57 Gallon Poly	Double Bagged ACM - No Water
113	2	57 Gallon Poly	Double Bagged ACM - With Water
114	2	57 Gallon Poly	Double Bagged ACM - No Water
115	2	57 Gallon Poly	Double Bagged ACM and Plastic Sheeting - Full - No Water
116	2	57 Gallon Poly	Double Bagged ACM - No Water
117	2	57 Gallon Poly	Double Bagged ACM With Water
118	2	57 Gallon Poly	Double Bagged ACM - No Water
119*	2	57 Gallon Poly	Double Bagged ACM - No Water
120	2	57 Gallon Poly	Double Bagged ACM - No Water
121	2	57 Gallon Poly	Double Bagged ACM - No Water
122	2	57 Gallon Poly	Double Bagged ACM - No Water
123	2	57 Gallon Poly	Double Bagged ACM - No Water
124	2	57 Gallon Poly	Double Bagged ACM With Water
125	2	57 Gallon Poly	Double Bagged ACM - No Water
126	2	57 Gallon Poly	Double Bagged ACM - No Water
127	2	57 Gallon Poly	Double Bagged ACM - No Water
128	2	57 Gallon Poly	Double Bagged ACM - No Water
129	2	57 Gallon Poly	Double Bagged ACM - No Water
130	2	57 Gallon Poly	Double Bagged ACM - No Water
131	2	57 Gallon Poly	Double Bagged ACM - No Water
132	2	57 Gallon Poly	Double Bagged ACM With Water - Full
133	2	57 Gallon Poly	Double Bagged ACM - No Water
134	2	57 Gallon Poly	Plastic Sheeting - Full - No Water
135	2	57 Gallon Poly	Double Bagged ACM - No Water
136	2	57 Gallon Poly	Double Bagged ACM - No Water
137	2	57 Gallon Poly	Double Bagged ACM With Water
138	2	57 Gallon Poly	Double Bagged ACM With Water
139	2	57 Gallon Poly	Double Bagged ACM - With Water
140	2	57 Gallon Poly	Double Bagged ACM - No Water
141	2	57 Gallon Poly	Double Bagged ACM and Plastic Sheeting - Full - No Water
142	2	57 Gallon Poly	Double Bagged ACM With Water
143	2	57 Gallon Poly	Double Bagged ACM With Water
144	2	57 Gallon Poly	Double Bagged ACM - No Water
145	2	57 Gallon Poly	Double Bagged ACM - No Water
146	2	57 Gallon Poly	PPE Only - No Water
147	2	57 Gallon Poly	Full- Plastic Sheeting - No Water
148	2	57 Gallon Poly	Double Bagged ACM - No Water
149	2	57 Gallon Poly	Double Bagged ACM - No Water
150	2	57 Gallon Poly	Double Bagged ACM With Water

Standard Chlorine Site
Drum Inventory
July 17-23 2001

DRUM NUMBER	CONTAINER NUMBER	CONTAINER DESCRIPTION	CONTENTS
151	2	57 Gallon Poly	Double Bagged ACM and Plastic Sheeting - Full - No Water
152	2	57 Gallon Poly	Double Bagged ACM - No Water
153	2	57 Gallon Poly	Double Bagged ACM with PPE - No Water
154*	2	57 Gallon Poly	Double Bagged ACM - No Water
155	2	57 Gallon Poly	Double Bagged ACM - No Water
156	2	57 Gallon Poly	Double Bagged ACM - No Water
157*	2	57 Gallon Poly	Double Bagged ACM - No Water
158	2	57 Gallon Poly	Double Bagged ACM With Water
159	2	57 Gallon Poly	Double Bagged ACM - No Water
160	2	57 Gallon Poly	Double Bagged ACM - No Water
161	2	57 Gallon Poly	Double Bagged ACM - No Water
162	2	57 Gallon Poly	Double Bagged ACM With Water
163	2	57 Gallon Poly	Double Bagged ACM - No Water
164	2	57 Gallon Poly	Double Bagged ACM - No Water
165	2	57 Gallon Poly	Double Bagged ACM - No Water
166	2	57 Gallon Poly	Double Bagged ACM - No Water
167	2	57 Gallon Poly	Double Bagged ACM - No Water
168	2	57 Gallon Poly	Double Bagged ACM - No Water
169	2	57 Gallon Poly	Double Bagged ACM With Water
170	2	57 Gallon Poly	Double Bagged ACM - No Water
171	2	57 Gallon Poly	Double Bagged ACM and Plastic Sheeting - Full - No Water
172	2	57 Gallon Poly	Double Bagged ACM - No Water
173	2	57 Gallon Poly	Double Bagged ACM - No Water
174	2	57 Gallon Poly	Double Bagged ACM - No Water
175	2	57 Gallon Poly	Double Bagged ACM - No Water
176	2	57 Gallon Poly	Double Bagged ACM - No Water
177	3	57 Gallon Poly	Double Bagged ACM - No Water
178*	3	57 Gallon Poly	Double Bagged ACM - No Water
179	3	57 Gallon Poly	Double Bagged ACM - No Water
180	3	57 Gallon Poly	Double Bagged ACM - No Water
181	3	57 Gallon Poly	Double Bagged ACM - No Water
182	2	57 Gallon Poly	Double Bagged ACM With Water
183	2	57 Gallon Poly	Double Bagged ACM - No Water
184	2	57 Gallon Poly	Double Bagged ACM - No Water
185	2	57 Gallon Poly	Plastic Sheeting - Full - No Water
186	2	57 Gallon Poly	Double Bagged ACM - No Water
187	2	57 Gallon Poly	Double Bagged ACM - No Water
188	2	57 Gallon Poly	Double Bagged ACM - No Water
189	2	57 Gallon Poly	Double Bagged ACM - No Water
190	2	57 Gallon Poly	Double Bagged ACM - No Water
191	2	57 Gallon Poly	Double Bagged ACM - No Water
192	2	57 Gallon Poly	Double Bagged ACM - No Water
193	2	57 Gallon Poly	Double Bagged ACM - No Water
194*	2	57 Gallon Poly	Double Bagged ACM - No Water
195	2	57 Gallon Poly	Double Bagged ACM - No Water
196	2	57 Gallon Poly	Double Bagged ACM - No Water
197	2	57 Gallon Poly	Double Bagged ACM - No Water
198	2	57 Gallon Poly	Double Bagged ACM - No Water
199	2	57 Gallon Poly	Double Bagged ACM - No Water
200	2	57 Gallon Poly	Double Bagged ACM - No Water

Standard Chlorine Site
Drum Inventory
July 17-23 2001

DRUM NUMBER	CONTAINER NUMBER	CONTAINER DESCRIPTION	CONTENTS
201	2	57 Gallon Poly	Double Bagged ACM - No Water
202	2	57 Gallon Poly	Double Bagged ACM - No Water
203	2	57 Gallon Poly	Double Bagged ACM - No Water
204	2	57 Gallon Poly	Double Bagged ACM - No Water
205	2	57 Gallon Poly	Double Bagged ACM - No Water
206	3	57 Gallon Poly	Double Bagged ACM - No Water
207	3	57 Gallon Poly	Wood/Debris - Full - No water
208	3	57 Gallon Poly	Double Bagged ACM - No Water
209	3	57 Gallon Poly	Double Bagged ACM - No Water
210	3	57 Gallon Poly	Used Sorbent - Full - No Water
211	3	57 Gallon Poly	Double Bagged ACM - No Water
212	3	57 Gallon Poly	Double Bagged ACM - No Water
213	3	57 Gallon Poly	Double Bagged ACM - No Water
214*	3	57 Gallon Poly	Double Bagged ACM - No Water
215	3	57 Gallon Poly	Double Bagged ACM and Plastic Sheeting - Full - No Water
216	3	57 Gallon Poly	Double Bagged ACM - No Water
217	3	57 Gallon Poly	Double Bagged ACM - No Water
218	3	57 Gallon Poly	Double Bagged ACM - No Water
219	3	57 Gallon Poly	Full- Plastic Sheeting - No Water
220	3	57 Gallon Poly	PPE/Trash - Full - No Water
221*	3	57 Gallon Poly	Double Bagged ACM - No Water
222	3	57 Gallon Poly	Plastic Sheeting - Full - No Water
223	3	57 Gallon Poly	Double Bagged ACM - No Water
224*	3	57 Gallon Poly	Double Bagged ACM - No Water
225	6	Steel/55 Gal.	Soil-Full
226	6	Steel/55 Gal.	Soil-1/2 Full with some liquid
227	6	Steel/55 Gal.	Soil-1/2 Full
228	6	15 Gallon Poly	Unknown Liquid - Full
229	6	Steel/55 Gal.	Liquid - Full - pH 5
230	6	15 Gallon Poly	Unknown Solid - Full
231	6	5 Gallon Steel	Unknown Liquid - Full
232	6	55 Gallon Steel	Unknown Liquid - Labled Machine Oil - Full
233	6	57 Gallon Poly	Cement Debris - 3/4 Full - Open Top
234	6	5 Gallon Steel	Unknown Liquid - Full
235	6	5 Gallon Steel	Unknown Liquid - Full
236	6	55 Gallon Steel	Crushed/Concrete & Debris Inside
237	6	55 Gallon Steel	Water - Full - pH = 5-6
238	6	55 Gallon Steel	Full - PPE - No Water
239	6	55 Gallon Steel	Full - PPE - No Water
240	6	55 Gallon Steel	Full - Platic Sheeting - No Water
241	6	55 Gallon Steel	Unknown Oily Liquid - Full
242	6	55 Gallon Steel	Water - Full - pH = 10
243	6	55 Gallon Steel	Water - Full - pH = ≤ 2
244	6	55 Gallon Steel	Water - Full - pH = 6-7
245	6	55 Gallon Steel	Water - Full - pH = 7
246	6	55 Gallon Steel	Water - Full - pH = 7
247	6	55 Gallon Steel	Water - Full - pH = 12
248	6	55 Gallon Steel	Water - Full - pH = 12
249	6	55 Gallon Steel	Water - Full - pH = 12
250	6	55 Gallon Steel	Water - Full - pH = 7

Standard Chlorine Site
Drum Inventory
July 17-23 2001

DRUM NUMBER	CONTAINER NUMBER	CONTAINER DESCRIPTION	CONTENTS
251	3	57 Gallon Poly	Double Bagged ACM - No Water
252	3	57 Gallon Poly	Double Bagged ACM - No Water
253	3	57 Gallon Poly	Double Bagged ACM - No Water
254	3	57 Gallon Poly	Double Bagged ACM - No Water
255	3	57 Gallon Poly	Double Bagged ACM - No Water
256	3	57 Gallon Poly	Double Bagged ACM - No Water
257	3	57 Gallon Poly	Double Bagged ACM - No Water
258	3	57 Gallon Poly	Double Bagged ACM - No Water
259	3	57 Gallon Poly	Double Bagged ACM - No Water
260	3	57 Gallon Poly	Double Bagged ACM - No Water
261	3	57 Gallon Poly	Double Bagged ACM - No Water
262	3	57 Gallon Poly	Plastic Sheeting - Full - No Water
263	3	57 Gallon Poly	Double Bagged ACM - No Water
264	3	57 Gallon Poly	Double Bagged ACM - No Water
265	3	57 Gallon Poly	Double Bagged ACM - No Water
266	3	57 Gallon Poly	Double Bagged ACM - No Water
267	3	57 Gallon Poly	Double Bagged ACM - No Water
268	3	57 Gallon Poly	Double Bagged ACM - No Water
269	3	57 Gallon Poly	Double Bagged ACM - No Water
270	3	57 Gallon Poly	Double Bagged ACM - No Water
271	3	57 Gallon Poly	Double Bagged ACM - No Water
272	3	57 Gallon Poly	Double Bagged ACM - No Water
273	3	57 Gallon Poly	Double Bagged ACM - No Water
274	3	57 Gallon Poly	Double Bagged ACM - No Water
275	3	57 Gallon Poly	Double Bagged ACM - No Water
276	3	57 Gallon Poly	Double Bagged ACM - No Water
277	3	57 Gallon Poly	Double Bagged ACM - No Water
278	3	57 Gallon Poly	Double Bagged ACM - No Water
279	3	57 Gallon Poly	Double Bagged ACM - No Water
280	3	57 Gallon Poly	Double Bagged ACM - No Water
281	3	57 Gallon Poly	Double Bagged ACM - No Water
282	3	57 Gallon Poly	Double Bagged ACM - No Water
283	3	57 Gallon Poly	Double Bagged ACM - No Water
284	3	57 Gallon Poly	Double Bagged ACM - No Water
285	3	57 Gallon Poly	Rocks - Full - No Water
286	3	57 Gallon Poly	Double Bagged ACM - No Water
287	3	57 Gallon Poly	Double Bagged ACM - No Water
288	3	57 Gallon Poly	Double Bagged ACM - No Water
289	3	57 Gallon Poly	Double Bagged ACM - No Water
290*	3	57 Gallon Poly	Double Bagged ACM - No Water
291	3	57 Gallon Poly	Double Bagged ACM - No Water
292	3	57 Gallon Poly	Double Bagged ACM - No Water
293	3	57 Gallon Poly	Double Bagged ACM - No Water
294	3	57 Gallon Poly	Double Bagged ACM - No Water
295	3	57 Gallon Poly	Full - Plastic Sheeting - No Water
296	3	57 Gallon Poly	Double Bagged ACM - No Water
297	3	57 Gallon Poly	Double Bagged ACM - No Water
298	3	57 Gallon Poly	Double Bagged ACM - No Water
299	3	57 Gallon Poly	Sorbent With Debris - Full - No Water
300*	3	57 Gallon Poly	Double Bagged ACM - No Water

Standard Chlorine Site
Drum Inventory
July 17-23 2001

DRUM NUMBER	CONTAINER NUMBER	CONTAINER DESCRIPTION	CONTENTS
301	3	57 Gallon Poly	Double Bagged ACM - No Water
302	3	57 Gallon Poly	Double Bagged ACM - No Water
303	3	57 Gallon Poly	Double Bagged ACM - No Water
304	3	57 Gallon Poly	Double Bagged ACM and Plastic Sheeting - Full - No Water
305	3	57 Gallon Poly	Double Bagged ACM With Water
306	3	57 Gallon Poly	Double Bagged ACM - No Water
307	3	57 Gallon Poly	Double Bagged ACM - No Water
308	3	57 Gallon Poly	Double Bagged ACM - No Water
309	3	57 Gallon Poly	Double Bagged ACM - No Water
310	3	57 Gallon Poly	Double Bagged ACM With Water
311	3	57 Gallon Poly	Double Bagged ACM - No Water
312	3	57 Gallon Poly	Double Bagged ACM - No Water
313	3	57 Gallon Poly	Double Bagged ACM - No Water
314	3	57 Gallon Poly	Double Bagged ACM - No Water
315	3	57 Gallon Poly	Double Bagged ACM - No Water
316	3	57 Gallon Poly	Double Bagged ACM - No Water
317	3	57 Gallon Poly	Double Bagged ACM - No Water
318	3	57 Gallon Poly	Double Bagged ACM - No Water
319	3	57 Gallon Poly	Double Bagged ACM - No Water
320	3	57 Gallon Poly	Double Bagged ACM With Water
321	3	57 Gallon Poly	Double Bagged ACM - No Water
322	3	57 Gallon Poly	Double Bagged ACM - No Water
323	3	57 Gallon Poly	Double Bagged ACM - No Water
324	3	57 Gallon Poly	Double Bagged ACM - No Water
325*	3	57 Gallon Poly	Double Bagged ACM - No Water
326	3	57 Gallon Poly	Double Bagged ACM - No Water
327	3	57 Gallon Poly	Double Bagged ACM - No Water
328	3	57 Gallon Poly	Double Bagged ACM - No Water
329	3	57 Gallon Poly	Double Bagged ACM - No Water
330	3	57 Gallon Poly	Double Bagged ACM - No Water
331	4	57 Gallon Poly	Double Bagged ACM - No Water
332	4	57 Gallon Poly	Double Bagged ACM - With Water
333*	4	57 Gallon Poly	Double Bagged ACM - No Water
334	4	57 Gallon Poly	Rocks/Debris - Full - No Water
335	4	57 Gallon Poly	Double Bagged ACM - No Water
336	4	57 Gallon Poly	Double Bagged ACM - With Water
337	4	57 Gallon Poly	Double Bagged ACM - No Water
338	4	57 Gallon Poly	Double Bagged ACM - With Water
339	4	57 Gallon Poly	Double Bagged ACM - No Water
340	4	57 Gallon Poly	Double Bagged ACM - No Water
341	4	57 Gallon Poly	Double Bagged ACM - No Water
342	4	57 Gallon Poly	Double Bagged ACM - No Water
343	4	57 Gallon Poly	Double Bagged ACM - No Water
344	4	57 Gallon Poly	Double Bagged ACM - No Water
345	4	57 Gallon Poly	Double Bagged ACM - No Water
346	4	57 Gallon Poly	Double Bagged ACM and Plastic Sheeting - Full - No Water
347	4	57 Gallon Poly	Double Bagged ACM and Plastic Sheeting - Full - No Water
348	4	57 Gallon Poly	Double Bagged ACM - No Water
349	4	57 Gallon Poly	Double Bagged ACM - With Water
350	4	57 Gallon Poly	Double Bagged ACM and Plastic Sheeting - Full - No Water

Standard Chlorine Site
Drum Inventory
July 17-23 2001

DRUM NUMBER*	CONTAINER NUMBER	CONTAINER DESCRIPTION	*CONTENTS
351	4	57 Gallon Poly	Double Bagged ACM - No Water
352	4	57 Gallon Poly	Double Bagged ACM - No Water
353	4	57 Gallon Poly	Double Bagged ACM - No Water
354	4	57 Gallon Poly	Double Bagged ACM - No Water
355*	4	57 Gallon Poly	Double Bagged ACM - No Water
356	4	57 Gallon Poly	Double Bagged ACM - No Water
357	4	57 Gallon Poly	Double Bagged ACM - No Water
358	4	57 Gallon Poly	Double Bagged ACM - No Water
359	4	57 Gallon Poly	Double Bagged ACM - No Water
360	4	57 Gallon Poly	Double Bagged ACM - No Water
361	4	57 Gallon Poly	Double Bagged ACM - No Water
362*	4	57 Gallon Poly	Double Bagged ACM - No Water
363	4	57 Gallon Poly	Double Bagged ACM - No Water
364	4	57 Gallon Poly	Double Bagged ACM - No Water
365	4	57 Gallon Poly	Double Bagged ACM - No Water
366	4	57 Gallon Poly	Double Bagged ACM - No Water
367	4	57 Gallon Poly	Double Bagged ACM - No Water
368	4	57 Gallon Poly	Double Bagged ACM - No Water
369	4	57 Gallon Poly	Double Bagged ACM - No Water
370	4	57 Gallon Poly	Double Bagged ACM - No Water
371	4	57 Gallon Poly	Double Bagged ACM - No Water
372	4	57 Gallon Poly	Double Bagged ACM - No Water
373	4	57 Gallon Poly	Double Bagged ACM - No Water
374	4	57 Gallon Poly	Double Bagged ACM - No Water
375	4	57 Gallon Poly	Double Bagged ACM - No Water
376	6	57 Gallon Poly	3/4 Full Water/Liquid
377	6	57 Gallon Poly	3/4 FullWater/Liquid
378	6	57 Gallon Poly	Full Water/Liquid
379	6	57 Gallon Poly	Full Water/Liquid
380	6	57 Gallon Poly	3/4 Full Water/Liquid
381	6	57 Gallon Poly	Full Water/Liquid
382	6	57 Gallon Poly	Full Water/Liquid
383	6	57 Gallon Poly	Full Water/Liquid
384	6	57 Gallon Poly	Full Water/Liquid
385	6	57 Gallon Poly	Full Water/Liquid
386	6	57 Gallon Poly	1/2 Full Water/Liquid
387	6	Steel Overpack	Unknown - Can't Open Inner 55 Gal. Drum - Rusted
388	6	Steel Overpack	Unknown - Can't Open Inner 55 Gal. Drum - Rusted
389	6	Steel Overpack	Unknown - Can't Open Inner 55 Gal. Drum - Rusted
390	6	Steel Overpack	Unknown - Can't Open Inner 55 Gal. Drum - Rusted
391	6	Steel Overpack	Unknown - Can't Open Inner 55 Gal. Drum - Rusted
392	6	Steel Overpack	Unknown - Can't Open Inner 55 Gal. Drum - Rusted
393	6	Steel Overpack	Unknown - Can't Open Inner 55 Gal. Drum - Rusted
394	6	Steel Overpack	Unknown - Can't Open Inner 55 Gal. Drum - Rusted
395	6	Steel Overpack	Unknown - Can't Open Inner 55 Gal. Drum - Rusted
396	6	Steel Overpack	3/4 Full -Soil -No Water -Inner 55 Gal. Drum - Rusted
397	6	Steel Overpack	Unknown - Can't Open Inner 55 Gal. Drum - Rusted
399	4	Poly Overpack	Rocks/Debris - Full - No Water
400	4	57 Gallon Poly	Double Bagged ACM - No Water
401	4	57 Gallon Poly	Double Bagged ACM - No Water

Standard Chlorine Site
Drum Inventory
July 17-23 2001

DRUM NUMBER	CONTAINER NUMBER	CONTAINER DESCRIPTION	CONTENTS
402*A27	4	57 Gallon Poly	Double Bagged ACM - No Water
403	4	57 Gallon Poly	Double Bagged ACM - No Water
404	4	57 Gallon Poly	Double Bagged ACM - No Water
405*	4	57 Gallon Poly	Double Bagged ACM - No Water
406	4	57 Gallon Poly	Double Bagged ACM - No Water
407	4	57 Gallon Poly	Double Bagged ACM and Rocks - No Water
408	4	57 Gallon Poly	Double Bagged ACM - No Water
409	5	57 Gallon Poly	Full - PPE - No Water
410	5	57 Gallon Poly	Unknown Liquid - Full
411 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
412	5	57 Gallon Poly	3/4 Full - Garbage - No Water
413	5	57 Gallon Poly	Full - PPE - No Water
414	5	57 Gallon Poly	Full - PPE - No Water
415	5	57 Gallon Poly	1/2 Full - PPE - No Water
416 (CC-11)	5	57 Gallon Poly	Full - Unknown Solid
417	5	57 Gallon Poly	Full - PPE - No Water
418 (CC-12)	5	57 Gallon Poly	99% Solids - 1% Liquid
419 (CC-12)	5	57 Gallon Poly	50/50 Unknown Liquids and Solids
420	5	57 Gallon Poly	Full - PPE - No Water
421 (CC-12)	5	57 Gallon Poly	Full - Unknown Solids
422	5	57 Gallon Poly	Full - Garbage
423	5	57 Gallon Poly	Full - PPE/Plastic Sheeting - No Water
424	5	57 Gallon Poly	Full - PPE - No Water
425	5	57 Gallon Poly	Full - PPE - No Water
426 (CC-11)	5	57 Gallon Poly	Full - Unknown Solid
427	5	57 Gallon Poly	Full - PPE - No Water
428	5	57 Gallon Poly	Full - PPE - No Water
429 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
430	5	57 Gallon Poly	Full - PPE - No Water
431 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
432 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
433 (CC-11)	5	57 Gallon Poly	Full - Unknown Solid
434	5	57 Gallon Poly	Full - PPE - No Water
435	5	57 Gallon Poly	Full - Plastic Sheeting - No Water
436 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
437 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
438	4	57 Gallon Poly	Double Bagged ACM - No Water
439	5	57 Gallon Poly	Full - Plastic Sheeting - No Water
440	5	57 Gallon Poly	Full - Garbage - No Water
441	5	57 Gallon Poly	Full - Garbage - No Water
442	5	57 Gallon Poly	Full -PPE - No Water
443	5	57 Gallon Poly	1/8 Full Unknown Liquid
444	5	57 Gallon Poly	1/4 Full Unknown Liquid
445	5	57 Gallon Poly	1/2 Full Sorbent Boom
446 (CC-11)	5	57 Gallon Poly	Full - Unknown Solid
447 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
448 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
449 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
450 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
451 (CC-11)	5	57 Gallon Poly	1/2 Full - Unknown Liquid

Standard Chlorine Site
Drum Inventory
July 17-23 2001

DRUM NUMBER	CONTAINER NUMBER	CONTAINER DESCRIPTION	CONTENTS
452 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
453 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
454 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
455 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
456 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
457 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
458 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
459 (CC-13)	5	57 Gallon Poly	1 Inch Unknown Liquid Over Unknown Solids
460 (CC-13)	5	57 Gallon Poly	1 Inch Unknown Liquid Over Unknown Solids
461 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
462 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
463 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
464	5	57 Gallon Poly	Full PPE - No Water
465 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
466 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
467 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
468 (CC-11)	5	57 Gallon Poly	Full - Unknown Solid
469	5	57 Gallon Poly	Full PPE - No Water
470	5	57 Gallon Poly	Full PPE/Plastic Sheeting - No Water
471 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
472	5	57 Gallon Poly	Full - PPE - No Water
473 (CC-11)	5	57 Gallon Poly	Full - Unknown Solid
474	5	57 Gallon Poly	3/4 PPE - No Water
475	5	57 Gallon Poly	3/4 PPE - No Water
476	5	57 Gallon Poly	Full PPE - No Water
477	5	57 Gallon Poly	1/2 PPE - No Water
478 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
480 (CC-11)	5	57 Gallon Poly	Full - Unknown Solid
481	4	57 Gallon Poly	Full - Plastic Sheeting - No Water
482	5	57 Gallon Poly	3/4 Full - Wood/Debris
483 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
484	5	57 Gallon Poly	1/2 Full Unknown Liquid - pH = 6
485	5	57 Gallon Poly	1/2 Full Unknown Liquid - pH = 5-6
486	5	57 Gallon Poly	Full PPE - No Water
487 (CC-11)	5	57 Gallon Poly	Full - Unknown Solid
488	5	57 Gallon Poly	3/4 Full PPE - No Water
489	5	57 Gallon Poly	Full PPE - No Water
490 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
491 (CC-11)	5	57 Gallon Poly	3 Inches of Unknown Liquid
492 (CC-13)	5	57 Gallon Poly	Full - Unknown Solids
493	5	57 Gallon Poly	2 Inches Unknown Liquid Over Unknown Solids
494 (CC-11)	5	57 Gallon Poly	2/3 Full - Solid Metal Flakes
495 (CC-12)	5	57 Gallon Poly	Full - Unknown Solids
496 (CC-12)	5	57 Gallon Poly	Full - Unknown Solids
497 (CC-11)	5	57 Gallon Poly	3/4 Full - Solid Metal Flakes
498 (CC-12)	5	57 Gallon Poly	Full - Unknown Solids
499 (CC-12)	5	57 Gallon Poly	Full - Unknown Solids
500	5	57 Gallon Poly	1/2 Full - Unknown Liquid
501	5	57 Gallon Poly	1 Inch Unknown Liquid Over Unknown Solids
502 (CC-12)	5	57 Gallon Poly	Full - Unknown Solids

Standard Chlorine Site
Drum Inventory
July 17-23 2001

DRUM NUMBER	CONTAINER NUMBER	CONTAINER DESCRIPTION	CONTENTS
503	5	57 Gallon Poly	2/3 Full - Unknown Liquid - 1 Inch Solids on Bottom
504 (CC-12)	5	57 Gallon Poly	Full - Unknown Solids
505 (CC-11)	5	57 Gallon Poly	2/3 Full - Unknown Liquid - 1 Inch Solids on Bottom
506	5	57 Gallon Poly	Full - Unknown Liquid
507 (CC-12)	5	57 Gallon Poly	Full - Unknown Solids
508	5	57 Gallon Poly	1 Inch Unknown Liquid Over Unknown Solids
509 (CC-12)	5	57 Gallon Poly	Full - Unknown Solids
510 (CC-12)	5	57 Gallon Poly	1 Inch Unknown Liquid Over Unknown Solids
511 (CC-11)	5	57 Gallon Poly	3/4 Full - Rust/Metal Scale
512 (CC-11)	5	57 Gallon Poly	1/2 Full - Rust/Metal Scale
513 (CC-11)	5	57 Gallon Poly	3/4 Full- Rust Flakes
514 (CC-11)	5	57 Gallon Poly	3/4 Full- Rust Flakes
515	5	57 Gallon Poly	50% Solids, 50% Liquids - Unknown
516 (CC-11)	5	57 Gallon Poly	1/2 Full- Rust Flakes
517	5	57 Gallon Poly	50/50 Liquid Solid Mix
518 (CC-11)	5	57 Gallon Poly	Full - Rust/Scale Solids
519 (CC-9)	6	57 Gallon Poly	Full - Rust/Scale Solids
520 (CC-9)	6	57 Gallon Poly	Full - Rust/Scale Solids
521 (CC-9)	6	57 Gallon Poly	Full - Rust/Scale Solids
522 (CC-9)	6	57 Gallon Poly	Full - Rust/Scale Solids
523 (CC-9)	6	57 Gallon Poly	Full - Rust/Scale Solids
524 (CC-9)	6	57 Gallon Poly	Full - Rust/Scale Solids
525 (CC-9)	6	57 Gallon Poly	Full - Rust/Scale Solids
526 (CC-9)	6	57 Gallon Poly	Full - Rust/Scale Solids
527	6	57 Gallon Poly	1/4 Full - 75% Solids, 25% Liquids
528 (CC-9)	6	57 Gallon Poly	Full - Rust/Scale Solids
529 (CC-9)	6	57 Gallon Poly	Full - Rust/Scale Solids
530 (CC-9)	6	57 Gallon Poly	Full - Rust/Scale Solids
531	6	57 Gallon Poly	3/4 Full - 80% Solids, 20% Liquids
532 (CC-10)	6	57 Gallon Poly	Full - Rust/Scale Solids
533 (CC-9)	6	57 Gallon Poly	Full - Rust/Scale Solids
534	6	57 Gallon Poly	1/2 Full - Soil/Rocks
535	6	57 Gallon Poly	Soil - Full - No Water
536 (CC-10)	6	57 Gallon Poly	Full - Rust/Scale Solids
537	6	57 Gallon Poly	1/3 Full - 75% Solids, 25% Liquids
538 (CC-10)	6	57 Gallon Poly	Full - Rust/Scale Solids
539 (CC-10)	6	57 Gallon Poly	Full - Rust/Scale Solids
540 (CC-10)	6	57 Gallon Poly	Full - Rust/Scale Solids
541 (CC-10)	6	57 Gallon Poly	Full - Rust/Scale Solids
542 (CC-10)	6	57 Gallon Poly	Full - 90% Solids, 10% Liquids
543 (CC-10)	6	57 Gallon Poly	Full - Rust/Scale Solids
544 (CC-10)	6	57 Gallon Poly	Full - Rust/Scale Solids
545 (CC-10)	6	57 Gallon Poly	Full - Rust/Scale Solids
546 (CC-10)	6	57 Gallon Poly	Full - Rust/Scale Solids
547 (CC-10)	6	57 Gallon Poly	Full - Rust/Scale Solids
548 (CC-12)	6	57 Gallon Poly	Full - Unknown Solids
549 (CC-12)	6	57 Gallon Poly	Full - Unknown Solids
550	6	57 Gallon Poly	50/50 Unknown Liquids and Solids
551	4	55 Gallon Steel	Full - PPE - No Water
BAG-1	6	Black Plastic Bag	ACM Bagged

Standard Chlorine Site
Drum Inventory
July 17-23 2001

DRUM NUMBER	CONTAINER NUMBER	CONTAINER DESCRIPTION	CONTENTS
BAG-2	6	Black Plastic Bag	ACM Bagged
BAG-3	6	Black Plastic Bag	ACM Bagged
BAG-4	6	Black Plastic Bag	ACM Bagged
BAG-5	6	Black Plastic Bag	ACM Bagged
BAG-6	6	Black Plastic Bag	ACM Bagged
BAG-7	6	Black Plastic Bag	ACM Bagged
BAG-8	6	Black Plastic Bag	ACM Bagged
CYLINDER-1	6	-	Large Cylinder - Oxidizer (Empty)
CYLINDER-2	6	-	Small Cylinder - Acetylene (Empty)

ACM =Asbestos Containing Material

**** = Sample collected. See Table 1 for analytical parameters***

CC-9 = Composite sample collected from drums marked "CC-9"

CC-10 = Composite sample collected from drums marked "CC-10"

CC-11 = Composite sample collected from drums marked "CC-11"

CC-12 = Composite sample collected from drums marked "CC-12"

CC-13 = Composite sample collected from drums marked "CC-13"

Summary of Field Testing Results
Standard Chlorine Site
Kearny, New Jersey

Drum #	Test Result	Field Classification	Comments	Submitted for Analysis
228	Water soluble liquid, pH 10, positive for phosphates	Potential Orthophosphate Pesticide	Dark Brown, Watery	Yes
230	Green solid, limited water solubility, hexane insoluble, non-flammable but burns under torch, white flammable vapors in char test, metallic coating in test tube	(partial) organic solid		Yes
231	Water soluble watery liquid, pH 6-7	Aqueous Liquid		No
232	Oily hexane-soluble liquid, non-flammable, yellow	Oil	Drum Marked Machine Oil	No
234	Water-soluble watery liquid, pH 7, chloride positive, non-flammable, flammable in char test, metallic residue on tube glass	Partial Organic		No
235	Hexane-soluble liquid, non-flammable, yellow	Non-flammable Organic Liquid		No
241	Hexane-soluble liquid, sinks in water, flammable, positive in chlorine hot wire test	Chlorinated Solvent		Yes
443	Water-soluble watery liquid, pH 7	Aqueous Liquid		No
444	Water-soluble watery liquid, pH 7 , positive for chloride	Aqueous Liquid		No
484	Water-soluble watery liquid, pH 7, positive for chloride	Aqueous Liquid		No
485	Water-soluble watery liquid, pH 10, positive for chloride	Aqueous Liquid	Water/Sediment	No
515	Hexane-soluble liquid, sinks in water, flammable, positive for chlorine	Chlorinated Solvent		Yes

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: STANDARD CHLORINE SAMPLE NO: 228 DRUM NUMBER: 228

GRID LOCATION FOUND: _____ STAGING LOCATION: _____

LOGGER: _____ SAMPLER: D. MASER

PROJECT NO: _____ DATE/TIME: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☐	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☒	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☒		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☒ 10 ☐ 5 ☐ Other _____

~~MFG NAME~~	< 50% FULL
~~CHEMICAL NAME~~	FROM:
DRUM MARKINGS	A+I WAREHOUSE, INC. 3185 TRANQUILITY DRIVE
DRUM LABELS	MEMPHIS, TN 38116 901-332-2961

TO: DRAIN TECHNOLOGIES C/O .. & S WAREHOUSE

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION: 400 LANE EAST BRUNSWICK NJ 08816(?)

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY, DARK BROWN			X	Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	10	—	N	N	N	—	—	—	N	NA
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

PHOSPHATE TEST (SOME YELLOWISH PRECIPITATE) INDICATED

TEST COMPATABILITY RESULTS: POTENTIAL PESTICIDE

Prepared by: C. STANNIK Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: STANDARD CHLORINE SAMPLE NO: _____ DRUM NUMBER: 230

GRID LOCATION FOUND: _____ STAGING LOCATION: _____

LOGGER: _____ SAMPLER: _____

PROJECT NO: _____ DATE/TIME: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☒	Poly ☐	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☒	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☒ 10 ☐ 5 ☐ Other _____

~~VOLUME~~	FULL
CHEMICAL NAME	
DRUM MARKINGS	
DRUM LABELS	

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ____ OVA ____ CGI ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top			X			SMALL GREEN FLAKES			X	N	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	7		N							
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

BURNS UNDER TORCH; IN CHAR TEST, PRODUCES WHITE FLAMMABLE VAPOR AND LEAVES A METALLIC COATING INSIDE TEST TUBE.

TEST COMPATABILITY RESULTS:

Prepared by: C. STANNIK Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: STANDARD CHLORINE SAMPLE NO: _____ DRUM NUMBER: 231

GRID LOCATION FOUND: _____ STAGING LOCATION: _____

LOGGER: _____ SAMPLER: _____

PROJECT NO: _____ DATE/TIME: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☐	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☒	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☒		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☒ Other _____

~~MFG NAME~~ FULL

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ____ OVA ____ CGI ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY	X			Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	6-7	NA	N	NA	N	N			N	NA
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATABILITY RESULTS:

Prepared by: C. STANNIK Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: STANDARD CHLORINE SAMPLE NO: _____ DRUM NUMBER: 232

GRID LOCATION FOUND: _____ STAGING LOCATION: _____

LOGGER: _____ SAMPLER: _____

PROJECT NO: _____ DATE/TIME: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☐	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☒	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☒ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

~~MFG NAME~~	
~~CHEMICAL NAME~~	"MACHINE OIL" NA 1993
DRUM MARKINGS	GULF HARMONY 68
DRUM LABELS	

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				OILY, YELLOW-ORANGE	X			N	Y	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine hot wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top		N	N							
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATABILITY RESULTS: APPEARANCE OF UNUSED OIL

Prepared by: C. STANNIK Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: STANDARD CHLORINE SAMPLE NO: _____ DRUM NUMBER: 234

GRID LOCATION FOUND: _____ STAGING LOCATION: _____

LOGGER: _____ SAMPLER: _____

PROJECT NO: _____ DATE/TIME: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☒	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☒		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☒ Other _____

~~MFG NAME~~	3/3 FULL
CHEMICAL NAME	
DRUM MARKINGS	
DRUM LABELS	

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		K				WATERY, YELLOWISH		K		Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	7	NA	N	NA	N	Y			N	NA
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

CHAR TEST: WHITE FLAMMABLE VAPORS;

TEST COMPATABILITY RESULTS: ORANGE FLAME, BLACK RESIDUE W/ MIRROR EFFECT ON GLASS

Prepared by: C. STANNIK Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: STANDARD CHLORINE SAMPLE NO: _____ DRUM NUMBER: 235

GRID LOCATION FOUND: _____ STAGING LOCATION: _____

LOGGER: _____ SAMPLER: _____

PROJECT NO: _____ DATE/TIME: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
~~Fiber~~	Poly ☒	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☒ Other _____

~~[illegible]~~ 3/3 FULL

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				DARK BROWN			X	N	Y	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top		N	N							
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATABILITY RESULTS: LOOKS LIKE USED MOTOR OIL BUT NOT THICK ENOUGH

Prepared by: C. STANNIK Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: STANDARD CHLORINE SAMPLE NO: _____ DRUM NUMBER: 241

GRID LOCATION FOUND: _____ STAGING LOCATION: _____

LOGGER: _____ SAMPLER: _____

PROJECT NO: _____ DATE/TIME: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☐	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☒	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☒		other _____		

DRUM SIZE (Gallons): 85 ☒ 55 ☒ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

~~MATERIAL~~ 55-gal. in 85-gal. salvage drum

~~CHEMICAL NAME~~ > ½ FULL

DRUM MARKINGS " HAL A22"

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER ⊗	HEXANE	AIR	WATER
Top		X				WATERY, BLACK			X	N	Y	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	—	POS.	YES							
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

BURNS W/ SPIDER WEBS

TEST COMPATABILITY RESULTS: ⊗ SINKS IN WATER → CHLORINATED

Prepared by: C. STANNIK Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: STANDARD CHLORINE SAMPLE NO: _____ DRUM NUMBER: 443

GRID LOCATION FOUND: _____ STAGING LOCATION: _____

LOGGER: _____ SAMPLER: _____

PROJECT NO: _____ DATE/TIME: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☒	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☒ (57) 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____	
MFG NAME	—
CHEMICAL NAME	—
DRUM MARKINGS	—
DRUM LABELS	—

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY,	X			Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	7	NA	N		N	N			N	NA
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

CHAR TEST — SODIUM INDICATED

TEST COMPATABILITY RESULTS: BY CHANGE IN TORCH FLAME COLOR

Prepared by: C. STANNIK Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: STANDARD CHLORINE SAMPLE NO: _____ DRUM NUMBER: 444

GRID LOCATION FOUND: _____ STAGING LOCATION: _____

LOGGER: _____ SAMPLER: _____

PROJECT NO: _____ DATE/TIME: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☒	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☒ 57 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

~~MFG NAME~~ < 25% FULL

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ____ OVA ____ CGI ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY, RUSTY			X	Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	7		N		N	Y			N	
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATABILITY RESULTS:

Prepared by: C. STANNIK Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: STANDARD CHLORINE SAMPLE NO: _____ DRUM NUMBER: 484

GRID LOCATION FOUND: _____ STAGING LOCATION: _____

LOGGER: _____ SAMPLER: _____

PROJECT NO: _____ DATE/TIME: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☒	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☒ 57 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

~~MPG NAME~~ < 25% FULL

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		✓				WATERY, GREY		X		Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	7		N		N	Y			N	
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATABILITY RESULTS:

Prepared by: C. STANNIK Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: STANDARD CHLORINE SAMPLE NO: _____ DRUM NUMBER: 485

GRID LOCATION FOUND: _____ STAGING LOCATION: _____

LOGGER: _____ SAMPLER: _____

PROJECT NO: _____ DATE/TIME: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☐	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☒ 57 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

~~MFG NAME~~

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ____ OVA ____ CGI ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY W/	X			Y	N	N	N
Middle						SEDIMENT							
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	10		N	N	N	Y			N	
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATABILITY RESULTS:

Prepared by: C. STANNIK Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: STANDARD CHLORINE SAMPLE NO: _____ DRUM NUMBER: 515

GRID LOCATION FOUND: _____ STAGING LOCATION: _____

LOGGER: _____ SAMPLER: _____

PROJECT NO: _____ DATE/TIME: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☒	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ ~~55~~ 57 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

~~MFG NAME~~

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER ⊕	HEXANE	AIR	WATER
Top		X							X	N	Y	N	
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	—	YES	YES							
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

⊕ FLAMS IN WATER

TEST COMPATABILITY RESULTS: CHLORINATED SOLVENTS

Prepared by: C. STANNIK Date: _____

ATTACHMENT C

Airbill Records

FedEx Express USA Airbill

FedEx Tracking Number 829311255888

1 From *Please print and press hard.*

Date 7/23/01 Sender's FedEx Account Number

Sender's Name CHRISTOPH STANNIK Phone (732) 225-6116 x-223

Company ROY F. WESTON, INC.

Address 1090 KING GEORGES POST RD. STE. 201 Dept./Floor/Suite/Room

City EDISON State NJ ZIP 08837

2 Your Internal Billing Reference First 24 characters will appear on invoice. 20026 001 0002 0402

3 To Recipient's Name KEVIN FOX Phone (716) 691-2600

Company SEVERN TRENT LABORATORIES - STL -

Address 10 HAZELWOOD

To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.

SAMPLES RECEIVING Dept./Floor/Suite/Room

City AMHERST State NY ZIP 14228

Questions? Visit our Web site at fedex.com
or call 1·800·Go·FedEx® (800)463-3339.

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

[redacted] **Sender's Copy**

4a Express Package Service *Packages up to 150 lbs.* Delivery commitment may be later in some areas.

- [x] FedEx Priority Overnight — Next business morning
- [ ] FedEx Standard Overnight — Next business afternoon
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations
- [ ] FedEx 2Day — Second business day
- [ ] FedEx Express Saver — Third business day
- [ ] NEW FedEx Extra Hours — Later drop-off with next business afternoon delivery for select locations

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* — Next business day
- [ ] FedEx 2Day Freight — Second business day
- [ ] FedEx 3Day Freight — Third business day

* Call for Confirmation: * Declared value limit $500

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [x] Other Pkg. — Includes FedEx Box, FedEx Tube, and customer pkg.

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery RESTRICTIONS — Available only for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] SUNDAY Delivery RESTRICTIONS — Available only for FedEx Priority Overnight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location RESTRICTIONS — Not available with FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location RESTRICTIONS — Available only for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [ ] No
- [x] Yes — As per attached Shipper's Declaration
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (incl. Dry Ice) cannot be shipped in FedEx packaging or with FedEx Extra Hours service.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [x] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. 1545 81227 Exp. Date

Total Packages	Total Weight	Total Declared Value†
3	148	$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Release Signature *Sign to authorize delivery without obtaining signature.*

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

404

Rev. Date 12/00 • Part #155915 • ©1994-2000 FedEx • PRINTED IN U.S.A. GBFE 5/01

RETAIN THIS COPY FOR YOUR RECORDS.

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

(Provide at least two copies to the airline)

Shipper CHRISTOPH STANNIK
ROY F WESTON, INC
1090 KING GEORGES POST ROAD
EDISON, NJ 08837

Air Waybill No. 8293 1125 5888

Page 1 of 1 Pages

Shipper's Reference Number (optional)

Consignee SEVERN TRENT LABORATORIES
KEVIN FOX, SAMPLES RECEIVING
10 HA ZELWOOD
AMHERST, NY 14228

FedEx. Federal Express

Two completed and signed copies of this Declaration must be handed to the operator.

WARNING

Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties. This Declaration must not, in any circumstances, be completed and/or signed by a consolidator, a forwarder, or an IATA cargo agent.

TRANSPORT DETAILS

This shipment is within the limitations prescribed for: (delete non-applicable)

PASSENGER AND CARGO AIRCRAFT	~~CARGO AIRCRAFT ONLY~~ XXXXX

Airport of Departure: NEWARK

Airport of Destination: BUFFALO

Shipment type: (delete non-applicable)

NON-RADIOACTIVE	~~RADIOACTIVE~~

NATURE AND QUANTITY OF DANGEROUS GOODS

Dangerous Goods Identification							
Proper Shipping Name	Class or Division	UN or ID No.	Packing Group	Subsidiary Risk	Quantity and type of packaging	Packing Inst.	Authorization
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS CHLOROBENZENE)	9	UN 3082	III		41. IP1 Glass Jars in three plastic boxes (gross ~~WEIGHTS~~ weights: 31 Kgs, 20 Kgs, and 21 Kgs, respectively)	Y914	Ltd. Qty.

Additional Handling Information

Emergency Telephone Number 1-800-255-3924

CHECK ONE:

☒ ICAO/IATA

☐ 49 CFR

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and National Governmental Regulations.

Name/Title of Signatory: Christoph Stannik, PM

Place and Date: Edison, NJ 23 July 2001

Signature (see warning above)

IF ACCEPTABLE FOR PASSENGER AIRCRAFT, THIS SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN, OR INCIDENT TO, RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT.

FedEx M-1421 9/97 LOGOS# 2041730848

FedEx USA Airbill FedEx Tracking Number 8212629436 19

0200

Sender's Copy

1 From *Please print and press hard.*

Date 7/20/01 Sender's FedEx Account Number

Sender's Name CHRISTOPH STANNIK Phone (732) 522-3967

Company ROY F. WESTON, INC.

Address 1090 KING GEORGES POST RD. Dept./Floor/Suite/Room

City EDISON State NJ ZIP 08837

2 Your Internal Billing Reference First 24 characters will appear on invoice. 20026 001 002 0402

3 To

Recipient's Name KEVIN FOX Phone (716) 691-2600

Company STL - SEVERN TRENT LABORATORIES

Address 10 HAZELWOOD SAMPLES RECEIVING

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

To "HOLD" at FedEx location, print FedEx address here.

City AMHERST State NY ZIP 14228

Questions? Call 1·800·Go·FedEx® (800-463-3339)
Visit our Web site at www.fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

4a Express Package Service *Packages up to 150 lbs.* Delivery commitment may be later in some areas.

- [X] FedEx Priority Overnight — Next business morning
- [ ] FedEx Standard Overnight — Next business afternoon
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations
- [ ] FedEx 2Day* — Second business day
- [ ] FedEx Express Saver* — Third business day

* FedEx Letter Rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* — Next business day
- [ ] FedEx 2Day Freight — Second business day
- [ ] FedEx 3Day Freight — Third business day

* Call for Confirmation: _____

5 Packaging * Declared value limit $500

- [ ] FedEx Letter*
- [ ] FedEx Pak*
- [X] Other Pkg. — Includes FedEx Box, FedEx Tube, and customer pkg.

6 Special Handling

- [X] Saturday Delivery — Available for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] Sunday Delivery — Available for FedEx Priority Overnight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — Not available with FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [ ] No
- [X] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous Goods cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [X] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. 154581227 Exp. Date

Total Packages	Total Weight	Total Declared Value†
2	82	$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Release Signature *Sign to authorize delivery without obtaining signature.*

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

360

Rev. Date 11/98 • Part #154815 • ©1994–98 FedEx • PRINTED IN U.S.A. GBFE 4/00

RETAIN THIS COPY FOR YOUR RECORDS

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

(Provide at least two copies to the airline)

Shipper CHRISTOPH STANNIK
ROY F. WESTON, INC
1090 king georges post road
EDISON, NJ 08837

Air Waybill No. 821 262 943 619

Page 1 of 1 Pages

Shipper's Reference Number (optional)

Consignee SEVERN TRENT LABORATORIES
10 HAZELWOOD
AMHERST, NY 14228

FedEx

Two completed and signed copies of this Declaration must be handed to the operator.

WARNING

Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties. This Declaration must not, in any circumstances, be completed and/or signed by a consolidator, a forwarder, or an IATA cargo agent.

TRANSPORT DETAILS

This shipment is within the limitations prescribed for: (delete non-applicable)

PASSENGER AND CARGO AIRCRAFT	~~CARGO AIRCRAFT ONLY~~

Airport of Departure: nEWARK

Airport of Destination: BUFFALO

Shipment type: (delete non-applicable)

NON-RADIOACTIVE	~~RADIOACTIVE~~

NATURE AND QUANTITY OF DANGEROUS GOODS

Dangerous Goods Identification					Quantity and type of packaging	Packing Inst.	Authorization
Proper Shipping Name	Class or Division	UN or ID No.	Packing Group	Subsidiary Risk			
Environmentally hazardous substance, ~~XXX~~ solid, n.o.s. (contains chlorobenzene)	9	UN 3077	III		35 1r1 glass jars in two plastic boxes (gross weights ~~47 and 40 lbs, respectiv~~ 20 and 18 kgs)	Y911	Ltd. Qty.

Additional Handling Information

X ICAO/IATA
49 CFR

Emergency Telephone Number 1-800-255-3924

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and National Governmental Regulations.

Name/Title of Signatory Christoph Stannik, PM

Place and Date Edison, NJ 7/20/01

Signature (see warning above)

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT, THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT.

FedEx® USA Airbill FedEx Tracking Number 8210 3460 5912

1 From *Please print and press hard.*

Date 7/20/01 Sender's FedEx Account Number 1244-8646-7

Sender's Name CHRISTOPH STANNIK Phone (732) 522-3967

Company ROY F WESTON INC

Address 1090 KING GEORGE POST RD Dept./Floor/Suite/Room

City EDISON State NJ ZIP 08837

2 Your Internal Billing Reference 20026 001 002 0402
First 24 characters will appear on invoice.

3 To

Recipient's Name KEVIN GRIFFISS Phone (801) 266-7700

Company DATACHEM LABORATORIES

Address 960 WEST LEVOY DRIVE S We cannot deliver to P.O. boxes or P.O. ZIP codes.
To "HOLD" at FedEx location, print FedEx address.

SAMPLES RECEIVING Dept./Floor/Suite/Room

City SALT LAKE CITY State UT ZIP 84123

NEW Peel and Stick FedEx USA Airbill

See back for application instructions.

Questions? Call 1·800·Go·FedEx® (800-463-3339)

Visit our Web site at www.fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

0139278978

0215

Sender's Copy

4a Express Package Service *Packages up to 150 lbs.* Delivery commitment may be later in some areas.

- [x] FedEx Priority Overnight — Next business morning
- [ ] FedEx Standard Overnight — Next business afternoon
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations
- [ ] FedEx 2Day* — Second business day
- [ ] FedEx Express Saver* — Third business day

* FedEx Envelope/Letter Rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* — Next business day
- [ ] FedEx 2Day Freight — Second business day
- [ ] FedEx 3Day Freight — Third business day

* Call for Confirmation: _____ * Declared value limit $500

5 Packaging

- [ ] FedEx Envelope/Letter*
- [ ] FedEx Pak*
- [x] Other Pkg. — Includes FedEx Box, FedEx Tube, and customer pkg.

6 Special Handling Include FedEx address in Section 3.

- [x] SATURDAY Delivery — Available for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] SUNDAY Delivery — Available for FedEx Priority Overnight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — Not available with FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [ ] No
- [x] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous Goods cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [x] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. 1545 81227 Exp. Date

Total Packages	Total Weight	Total Declared Value†
1	29	$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Release Signature *Sign to authorize delivery without obtaining signature.*

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

359

SRS 100•Rev. Date 8/99•Part #154813S•©1994–99 FedEx•PRINTED IN U.S.A.

PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE.

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

(Provide at least two copies to the airline)

Shipper
CHRISTOPH STANNIK
ROY F. WESTON, INC.
1090 KING GEORGES POST ROAD
EDISON, NJ 08837

Air Waybill No. 8210 3460 5912
Page 1 of 1 Pages
Shipper's Reference Number (optional)

Consignee
KEVIN GRIFFISS
DATACHEM LABORATORIES
960 WEST LEVOY DRIVE
SALT LAKE CITY, UT ~~XXXXX~~ 84123

FedEx. Federal Express

Two completed and signed copies of this Declaration must be handed to the operator.

TRANSPORT DETAILS

This shipment is within the limitations prescribed for: (delete non-applicable)

PASSENGER AND CARGO AIRCRAFT	~~CARGO AIRCRAFT ONLY~~

Airport of Departure: NEWARK

Airport of Destination: SALT LAKE CITY

WARNING

Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties. This Declaration must not, in any circumstances, be completed and/or signed by a consolidator, a forwarder, or an IATA cargo agent.

Shipment type: (delete non-applicable)

NON-RADIOACTIVE	~~RADIOACTIVE~~

NATURE AND QUANTITY OF DANGEROUS GOODS

Dangerous Goods Identification					Quantity and type of packaging	Packing Inst.	Authorization
Proper Shipping Name	Class or Division	UN or ID No.	Packing Group	Subsidiary Risk			
WHITE ASBESTOS RQ	9	UN 2590	III		3 3A2 steel cans in one plastic ~~box~~ box (2 kgs net)	909	

Additional Handling Information

Emergency Telephone Number 1-800-255-3924

CHECK ONE:
- [x] ICAO/IATA
- [ ] 49 CFR

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and National Governmental Regulations.

Name/Title of Signatory: CHRISTOPH STANNIK, PM

Place and Date: EDISON, NJ 7/20/01

Signature (see warning above):

IF ACCEPTABLE FOR PASSENGER AIRCRAFT, THIS SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN, OR INCIDENT TO, RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT.

FedEx USA Airbill FedEx Tracking Number 8212629436 08

0200 **Sender's Copy**

1 From *Please print and press hard.*

Date 7/20/01 Sender's FedEx Account Number

Sender's Name CHRISTOPH STANNIK Phone (732) 522-3967

Company ROY F. WESTON, INC.

Address 1090 KING GEORGES POST RD. SUITE 201
Dept./Floor/Suite/Room

City EDISON State NJ ZIP 08837

2 Your Internal Billing Reference First 24 characters will appear on invoice. 20026.001 002 0402

3 To

Recipient's Name NORM HOFFA Phone (919) 544-5729

Company TRIANGLE LABORATORIES

Address 801 CAPITOLA DRIVE SAMPLES RECEIVING
We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

To "HOLD" at FedEx location, print FedEx address here.

City DURHAM State NC ZIP 27713

4a Express Package Service *Packages up to 150 lbs.* Delivery commitment may be later in some areas.

- [X] FedEx Priority Overnight — Next business morning
- [ ] FedEx Standard Overnight — Next business afternoon
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations
- [ ] FedEx 2Day* — Second business day
- [ ] FedEx Express Saver* — Third business day

* FedEx Letter Rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* — Next business day
- [ ] FedEx 2Day Freight — Second business day
- [ ] FedEx 3Day Freight — Third business day

* Call for Confirmation: _____

5 Packaging * Declared value limit $500

- [ ] FedEx Letter*
- [ ] FedEx Pak*
- [X] Other Pkg. — Includes FedEx Box, FedEx Tube, and customer pkg.

6 Special Handling

- [X] Saturday Delivery — Available for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] Sunday Delivery — Available for FedEx Priority Overnight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — Not available with FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [ ] No
- [X] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous Goods cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [X] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. Credit Card No. 1545 81227 Exp. Date

Total Packages	Total Weight	Total Declared Value†
1	38	$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Release Signature *Sign to authorize delivery without obtaining signature.*

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

360

Rev. Date 11/98 • Part #154815 • ©1994-98 FedEx • PRINTED IN U.S.A. GBFE 4/00

RETAIN THIS COPY FOR YOUR RECORDS

Questions? Call 1·800·Go·FedEx® (800-463-3339)
Visit our Web site at www.fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

(Provide at least two copies to the airline)

Shipper CHRISTOPH STANNIK
ROY F. WESTON, INC.
1090 KING GEORGES POST ROD.
EDISON, NJ 08837

Air Waybill No. 821 262 943 608

Page 1 of 1 Pages

Shipper's Reference Number (optional)

Consignee NORM HOFFA
TRIANGLE LABORATORIES
801 CAPITOLA DRIVE
DURHAM NC 27713

FedEx. Federal Express

Two completed and signed copies of this Declaration must be handed to the operator.

TRANSPORT DETAILS

This shipment is within the limitations prescribed for: (delete non-applicable)

PASSENGER AND CARGO AIRCRAFT	XXXXXX ~~CARGO AIRCRAFT ONLY~~ XXXX

Airport of Departure: NEWRAK

Airport of Destination: DURHAM NC

WARNING

Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties. This Declaration must not, in any circumstances, be completed and/or signed by a consolidator, a forwarder, or an IATA cargo agent.

Shipment type: (delete non-applicable)

NON-RADIOACTIVE	XRADIOACTIVEX

NATURE AND QUANTITY OF DANGEROUS GOODS

Dangerous Goods Identification: Proper Shipping Name	Class or Division	UN or ID No.	Packing Group	Subsidiary Risk	Quantity and type of packaging	Packing Inst.	Authorization
WHITE ASBESTOS RQ	9	UN 2590	III		3 3A2 steel cans in one plastic box (4 kgs net)	909	

Additional Handling Information

Emergency Telephone Number 1-800-255-3924

CHECK ONE:
☒ ICAO/IATA
☐ 49 CFR

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and National Governmental Regulations.

Name/Title of Signatory CHRISTOPH STANNIK, PM

Place and Date EDISON, NJ 7/20/01

Signature (see warning above)

IF ACCEPTABLE FOR PASSENGER AIRCRAFT, THIS SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN, OR INCIDENT TO, RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT.

FedEx USA Airbill FedEx Tracking Number 821262943620

0200 **Sender's Copy**

1 From *Please print and press hard.*

Date 7/20/01 Sender's FedEx Account Number

Sender's Name CHRISTOPH STANNIK Phone (732) 522-3967

Company ROY F. WESTON, INC.

Address 1090 KING GEORGES POST RD. SUITE 201 Dept./Floor/Suite/Room

City EDISON State NJ ZIP 08837

2 Your Internal Billing Reference First 24 characters will appear on invoice. 20026.001.002.0402

3 To

Recipient's Name KEVIN FOX Phone (716) 691-2600

Company STL- SEVERN TRENT LABORATORIES

Address 10 HAZELWOOD SAMPLES RECEIVING Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

To "HOLD" at FedEx location, print FedEx address here.

City AMHERST State NY ZIP 14228

4a Express Package Service *Packages up to 150 lbs.* Delivery commitment may be later in some areas.

- [X] FedEx Priority Overnight — Next business morning
- [ ] FedEx Standard Overnight — Next business afternoon
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations
- [ ] FedEx 2Day* — Second business day
- [ ] FedEx Express Saver* — Third business day

* FedEx Letter Rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* — Next business day
- [ ] FedEx 2Day Freight — Second business day
- [ ] FedEx 3Day Freight — Third business day

* Call for Confirmation: _____

5 Packaging * Declared value limit $500

- [ ] FedEx Letter*
- [ ] FedEx Pak*
- [X] Other Pkg. — Includes FedEx Box, FedEx Tube, and customer pkg.

6 Special Handling

- [X] Saturday Delivery — Available for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] Sunday Delivery — Available for FedEx Priority Overnight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — Not available with FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [ ] No
- [X] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous Goods cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [X] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. Credit Card No. 154581227 Exp. Date

Total Packages	Total Weight	Total Declared Value†
1	56	$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Release Signature *Sign to authorize delivery without obtaining signature.*

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

360

Rev. Date 11/98 • Part #154815 • ©1994–98 FedEx • PRINTED IN U.S.A. GBFE 4/00

Questions? Call 1·800·Go·FedEx® (800-463-3339)
Visit our Web site at www.fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

RETAIN THIS COPY FOR YOUR RECORDS

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

(Provide at least two copies to the airline)

Shipper CHRISTOPH STANNIK
BOX F, WESTON, INC.
1090 KING GEORGES POST ROAD
EDISON, NJ 08837

Air Waybill No. 821 262 943 620
Page 1 of 1 Pages
Shipper's Reference Number (optional)

Consignee SEVERN TRNET LABORATORIES
10 HAZELWOOD
AMHERST, NY 14228

FedEx

Two completed and signed copies of this Declaration must be handed to the operator.

TRANSPORT DETAILS

This shipment is within the limitations prescribed for: (delete non-applicable)

PASSENGER AND CARGO AIRCRAFT	~~CARGO AIRCRAFT ONLY~~

Airport of Departure: NEWARK

Airport of Destination: BUFFALO

WARNING

Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties. This Declaration must not, in any circumstances, be completed and/or signed by a consolidator, a forwarder, or an IATA cargo agent.

Shipment type: (delete non-applicable)

NON-RADIOACTIVE	X ~~RADIOACTIVE~~ X

NATURE AND QUANTITY OF DANGEROUS GOODS

Dangerous Goods Identification					Quantity and type of packaging	Packing Inst.	Authorization
Proper Shipping Name	Class or Division	UN or ID No.	Packing Group	Subsidiary Risk			
WHITE ASBESTOS RQ	~~#~~ 9	UN 2590	III		~~25~~ 5 3A2 steel cans in one plastic box (5kgs net)	909	

Additional Handling Information

Emergency Telephone Number 1-800-255-3924

X ICAO/IATA
49 CFR

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and National Governmental Regulations.

Name/Title of Signatory: Christoph Stannik, PM

Place and Date: Edison, NJ 7/20/01

Signature (see warning above)

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT, THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT.

ATTACHMENT D

Chain-of-Custody Records

STL

STL

CHAIN OF CUSTODY RECORD

REF No.
1397
CO No.
0026703

WESTON
MANAGERS DESIGNERS/CONSULTANTS

Removal Support Team
EPA CONTRACT 68-W-00-113
Phone (732)225-6116 Fax: 732-225-7037

Matrix Box No.	Preservative Box No.
1. Surface	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc.
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, RST Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY Time	Sample Matrix (Enter box 1)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box 6)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
SC-T02-119	7/18/01 1355	7	M	G	6				X						MS/MSD
SC-T03-214	7/18/01 1352								X						
SC-T03-300	1346								X						
SC-T04-362	1335								X						
T01-103	1340								X						
T01-013	1325								X						
T01-0130	1325								X						
T03-224	1355								X						
T01-043	1350								X						
T04-402	1345								X						
T02-157	1402								X						
T02-194	1403 ~~1329~~								X						

Comments:

Person Assuming Responsibility for Samples: Robert C Finke
Christoph Stennik

Time/Date: 7/20/01

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All Listed	[signature]	1930	7/20/01		
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

STL #2
RB1

CHAIN OF CUSTODY RECORD

1397
0026703

WESTON
MANAGERS DESIGNERS/CONSULTANTS

Removal Support Team
EPA CONTRACT 68-W-00-113
Phone (732)225-6116 Fax: 732-225-7037

Matrix Box No.	Preservative Box No.
1. Surface	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc.
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, RST Analytical Coordinator

						RAS ANALYSIS						RCRA ANALYSIS			
Sample Number	Sample Collection MM/DD/YY Time	Sample Matrix (Enter box 1)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	VOA	BNA	PEST	PCBs	TAL	CN	IGN	COR	REAC	OTHER
SC-T04-353	7/18/01 1325	7	M	G	6				X						MS/MSD
SC-T02-178	1404								X						
SC-T01-002	1332								X						
SC-T01-087	1345								X						
T03-290	1347								X						
T01-069	1343								X						
T02-154	1400								X						
T04-405	1339								X						
T02-111	1352								X						
T01-57	1336								X						
T03-221	1353								X						

Comments:

Person Assuming Responsibility for Samples: Robert C Finke, Christoph Stamik — Time/Date: 7/20/01

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All Listed	[signature]	7/20/01			
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

STL 3

~~DEF~~ PCB3

CHAIN OF CUSTODY RECORD

[illegible] No.
1397
[illegible] No.
0026703

WESTON
MANAGERS DESIGNERS/CONSULTANTS

STL

Removal Support Team
EPA CONTRACT 68-W-00-113
Phone (732)225-6116 Fax: 732-225-7037

Matrix Box No.	Preservative Box No.
1. Surface	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc.
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, RST Analytical Coordinator

						RAS ANALYSIS						RCRA ANALYSIS			
Sample Number	Sample Collection MM/DD/YY Time	Sample Matrix (Enter box 1)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box 6)	VOA	BNA	PEST	PCBs	TAL	CN	IGN	COR	REAC	OTHER
SC-T03-325	07/18/01 1344	7	M	6	6				X						
SC-T04-355	.325	↓	↓	↓	↓				X						

Comments:

Person Assuming Responsibility for Samples: Robert C Finke, Christoph Stannik — Time/Date: 7/20/01

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All Listed	[signature]	7/20/01			
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

STL'4
Non-ACR

CHAIN OF CUSTODY RECORD

REF No.
1397
ID No.
0026703

WESTON®
MANAGERS DESIGNERS/CONSULTANTS

Removal Support Team
EPA CONTRACT 68-W-00-113
Phone (732)225-6116 Fax: 732-225-7037

Matrix Key No.	Preservative Key No.
1. Surface	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc.
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, RST Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY Time	Sample Matrix (Enter box 1)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box 6)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER circle	TCLP metals
SC-CC9	7/20/01 0915	7	M	G	6		X		X	X					X	X
SC-CC10	0930						X		X	X					X	X
SC-CC11	0940						X		X	X					X	X
SC-CC12	1015						X		X	X					X	X
SC-CC13	1030						X		X	X					X	X
SC-comp1	1045			Comp			X		X	X					X	X
SC-LS-001	1330						X		X	X					X	X
SC-DC-comp1	1415						X		X	X					X	X

Comments: MS/MSD on SC-CC9

Person Assuming Responsibility for Samples: Robert Finke

Time/Date 1930 7/20/01

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All listed	R Finke	1930	7/20		
Sample Number	**Relinquished By:**	**Time**	**Date**	**Received By:**	**Reason for Change of Custody**
Sample Number	**Relinquished By:**	**Time**	**Date**	**Received By:**	**Reason for Change of Custody**

Triangle #2
xtra non-ACM
Dioxin

CHAIN OF CUSTODY RECORD

REF No.
1404
PO No.
0026704

WESTON
MANAGERS DESIGNERS/CONSULTANTS

Removal Support Team
EPA CONTRACT 68-W-00-113
Phone (732)225-6116 Fax: 732-225-7037

Matrix Box No.	Preservative Box No.
1. Surface	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc.
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, RST Analytical Coordinator

						RAS ANALYSIS						RCRA ANALYSIS			
Sample Number	Sample Collection MM/DD/YY Time	Sample Matrix (Enter box 1)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #s)	VOA	BNA	PEST	PCBs	TAL	CN	IGN	COR	REAC	OTHER
SL-compl	7/20/01 1045	7	M	C	6										Dioxin
SL-LS-001	7/20 1330	7	↓	↓	↓										X
SL-DC-compl	1415	7	↓	↓	↓										X

Comments:

Person Assuming Responsibility for Samples:					Time/Date
Sample Number: All listed	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Inland Pollution Services P.R., Inc., Resource Applications, Inc., and GRB Environmental Services, Inc.

ATTACHMENT E

Preliminary Analytical Results

DATA CHEM
LABORATORIES, INC.
A SORENSON COMPANY

ANALYTICAL REPORT

ANALYSIS OF BULK SAMPLES FOR ASBESTOS

All samples were examined for homogeneity. Non-homogeneous samples were ground to insure homogeneity. Distinct layers were analyzed separately.

The samples were prepared and examined for asbestos fibers utilizing the NIOSH 9002 method procedures. A polarizing light microscope equipped with a 10x and a 16x eyepiece was used for the analysis.

The area percentage of asbestos was estimated microscopically by a visual examination of the fibers with a length to width aspect ration of 3:1 or greater. If present, asbestos identities were confirmed with the appropriate refractive index liquids applying dispersion staining techniques.

The results are tabulated on the following page(s).

Patricia Klinger
Analyst

CINCINNATI LABORATORY
4388 Glendale-Milford Road
Cincinnati, Ohio 45242-3706
513-733-5446, Fax 513-733-5347

CORPORATE OFFICE
SALT LAKE CITY LABORATORY
960 West LeVoy Drive
Salt Lake City, Utah 84123-2547
801-266-7700, Fax 801-268-9992
www.datachem.com

NOVATO OFFICE
11 Santa Yorma Court
Novato, California 94945-1123
415-897-9471, Fax 415-893-9469

DATA CHEM LABORATORIES
A Sorensen Company

ANALYTICAL REPORT

Form ARF-AL
Page 1 of 2
Part 1 of 1
07270113523763X

Date
Laboratory Group Name 01C-0185-01
Account No. 08001

Roy F. Weston
Attention: Smita Sumbaly
1090 King Georges Post Road, Suite 201
Edison, NJ 08837-3703

FAX (732) 225-7037
Telephone (732) 225-6116
E-mail

Sampling Collection and Shipment

Sampling Site ASBESTOS Date of Collection July 18, 2001

Date Samples Received at Laboratory July 21, 2001

Analysis

Method of Analysis NIOSH 9002

Date(s) of Analysis July 27, 2001

Analytical Results

Field Sample Number	Laboratory Number	Sample Type	Amosite % Asbestos	Chrysotile % Asbestos	Crocidolite % Asbestos	Actinolite/ Tremolite % Asbestos	Anthophyllite % Asbestos			
SC-T02-119	01C01414	BULK	ND	10 - <20	ND	ND	ND			
SC-T03-214	01C01415	BULK	ND	20 - <30	ND	ND	ND			
SC-T03-300	01C01416	BULK	ND	40 - <50	ND	ND	ND			
SC-T04-362	01C01417	BULK	ND	30 - <40	ND	ND	ND			
SC-T01-103	01C01418	BULK	ND	30 - <40	ND	ND	ND			
SC-T01-013	01C01419	BULK	<1	30 - <40	ND	ND	ND			
SC-T01-0130	01C01420	BULK	ND	30 - <40	ND	ND	ND			
SC-T03-224	01C01421	BULK	ND	20 - <30	ND	ND	ND			
SC-T01-043	01C01422	BULK	ND	30 - <40	ND	ND	ND			
SC-T04-402	01C01423	BULK	ND	30 - <40	ND	ND	ND			
SC-T02-157	01C01424	BULK	ND	20 - <30	ND	ND	ND			
SC-T02-194	01C01425	BULK	ND	30 - <40	ND	ND	ND			
Limit of Detection			<1	<1	<1	<1	<1			

† See comment on last page.
ND Parameter not detected above LOD.
NR Parameter not requested.
** See comment on last page.
( ) Parameter between LOD and LOQ.

Patricia Klinger
Analyst: Patricia M. Klinger

Reviewer: Jeffery S. Ward

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700
FAX (801) 268-9992
Web Page: www.datachem.com
E-mail: lab@datachem.com

DATA CHEM LABORATORIES
A Sorenson Company

ANALYTICAL REPORT

Form ARF-C
Page 2 of 2
07270113523763X

Date _____
Laboratory Group Name 01C-0185-01

General Lab Comments

The results provided in this report relate only to the items tested.
This page is the concluding page of the report.

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700 Web Page: www.datachem.com
FAX (801) 268-9992 E-mail: lab@datachem.com

DATACHEM LABORATORIES
Analytical Laboratory
Quality Control Data Sheet

DataChem ID # 01C-0185-01

Analyte - Asbestos

Matrix - Bulk

Analyst - Patricia A. Klinger

Instrument Leitz 2

Method - Polarized Light Microscopy

Date 7/27/01

Results in - % and Type

Sample #	Amosite %		Ave. %	Chrysotile %		Ave. %	%		Ave. %	%	
	#1	#2		#1	#2		#1	#2		#1	#2
01C01414	ND	ND	ND	10-<20	10-<20	10-<20					
01C1424	ND	ND	ND	20-<30	20-<30	20-<30					
QC Sample											

Checked by: [signature] 07/27/01

Limit of detection: ~~NA~~ <1

Remarks:

PAK 7/27/01

DataChem Laboratories

Quality Control Data Sheet

Batch ID: 2000-1292

Analyte.....: Chrysotile
Analyst Name..: KLINGER
Analyst Number: 5043
Method.....: NMAM 9002
Results in....: % Asbestos
Set ID(s).....: 01C-085-01

Matrix....: Bulk
Instrument: OMIC
Date.....: 25-JUL-2001 16:36
QC File...: BACHGM

Sample Name	Repl	Value	Mean	Target	Range	Range/Mean	-Status- Acc	Pre
QC68416	2	5.0000 5.0000	5.0000	3.0000	0.0000	0.0000	N	A

Page: 1 Limit of detection: <1 PAK 7/25/01

Checked by: PDP 7/25/01

Earliest Sampling Date: 18-Jul-2001

DataChem Laboratories
CHAIN-OF-CUSTODY

Results due by: 31-Jul-2001

Project/Job/Task: P996F001 | Split: | Root Set ID: 01C-0185 * | Reporting Group 01

Client: Roy F. Weston | Account: 08001

Comments:

Verified: PS 7-23-01

Date Sampled	Field ID Number	DCL Sample Name	DCL Sample ID	QC	Matrix	Customer ID 2					Analysis: ASBESTOS IN BULK SAMPLES									# Bottles
18-Jul-2001	SC-T02-119	01C01414			BULK						X									1
18-Jul-2001	SC-T03-214	01C01415			BULK						X									1
18-Jul-2001	SC-T03-300	01C01416			BULK						X									1
18-Jul-2001	SC-T04-362	01C01417			BULK						X									1
18-Jul-2001	SC-T01-103	01C01418			BULK						X									1
18-Jul-2001	SC-T01-013	01C01419			BULK						X									1
18-Jul-2001	SC-T01-0130	01C01420			BULK						X									1
18-Jul-2001	SC-T03-224	01C01421			BULK						X									1
18-Jul-2001	SC-T01-043	01C01422			BULK						X									1
18-Jul-2001	SC-T04-402	01C01423			BULK						X									1

ORIGINAL FIELD SAMPLE CHAIN-OF-CUSTODY

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Reason for Transfer/ Storage Location
Walk-in/ Room/ Shelf/ Fridge	7/23/01 1100	R-33-1	Labeling/Shelving 14C
R-33-1	7/25/01 1100	Walk-in/ Room/ Shelf/ Fridge Patricia Kluge	Storage:

SAMPLE PREPARATION / ANALYSIS CHAIN-OF-CUSTODY

Sample Prep/Analysis for: _____ Lab Notebook No.: _____

Prepared/Analyzed by: _____ Date/Time: _____

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Reason for Transfer/ Storage Location

Check box if there is a continuation page ☐

Form: COFC1.01-SWV2.30

Printed 7/23/2001 10.39

JUL-27-2001 16:31 DATACHEM LABS 8012689992 P.07/08

rliest Sampling Date: 18-Jul-2001

DataChem Laboratories
CHAIN-OF-CUSTODY

Results due by: 31-Jul-2001

roject/Job/Task: P996F001			Split:		Root Set ID: 01C-0185 *				Reporting Group		01										#
lient: Roy F. Weston						Account: 08001					ASBESTOS IN BULK SAMPLES										Bottles
omments:									Analysis												
erified: PS 7-23-01																					
Date Sampled	Field ID Number	DCL Sample Name	DCL Sample ID	QC	Matrix	Customer ID 2															
8-Jul-2001	SC-T02-157	01C01424			BULK						X										1
8-Jul-2001	SC-T02-194	01C01425			BULK						X										1

ORIGINAL FIELD SAMPLE CHAIN-OF-CUSTODY

elinquished By: (Signature)	Date/Time	Received By: (Signature)	Reason for Transfer/ Storage Location
alk-in/ Room/ Shelf/ Fridge SP	7/23/01 1100	R-33-1 SP	Labeling/Shelving 14C
R-33-1 PAR	7/25/01 1100	Walk-in/ Room/ Shelf/ Fridge Patricia Kruger	Storage:

SAMPLE PREPARATION / ANALYSIS CHAIN-OF-CUSTODY

Sample Prep/Analysis for: _____ Lab Notebook No.: _____

Prepared/Analyzed by: _____ Date/Time: _____

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Reason for Transfer/ Storage Location

Check box if there is a continuation page ☐

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m: COPC1.01-SWV2.30