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TABLE 6
AOC #7: FORMER WASTEWATER SUMPS / PLATING AREA
SUPPLEMENTAL WORK PLAN (SWP)

Lightolier Facility
Norwich, CT

COCs	GP2001-66 (4-6') (mg/kg)	GP2001-67 (4-6') (mg/kg)	GP2001-68 (4-6') (mg/kg)	GP2001-69 (0-2') (mg/kg)	GP2001-69A (0-2') (mg/kg)	GP2001-70 (0-2') (mg/kg)	GP2001-71 (0-2') (mg/kg)	GP2001-72 (0-2') (mg/kg)	GP2001-73 (4-6') (mg/kg)	GP2001-74 (0-2') (mg/kg)	GP2001-75 (4-6') (mg/kg)	GP2001-76 (0-2') (mg/kg)	GP2001-77 (0-2') (mg/kg)	Direct Exposure Criteria: Residential Criteria in mg/kg (ppm)	Direct Exposure Criteria: Industrial/Commercial Criteria in mg/kg (ppm)	Pollutant Mobility Criteria: GA Mobility Criteria in mg/kg (ppm)
VOLATILES																
Chloroform	<0.004	<0.004	<0.004	<0.2	<0.2	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	100	940	0.12
1,1-Dichloroethane	<0.004	<0.004	<0.004	<0.2	<0.2	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	1.4
1,2-Dichloroethane	<0.004	<0.004	<0.004	<0.2	<0.2	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	7	63	0.02
1,1-Dichloroethylene	<0.004	<0.004	<0.004	<0.2	<0.2	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	1	10	0.14
cis-1,2-Dichloroethylene	<0.004	<0.004	<0.004	<0.2	<0.2	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	1.4
trans-1,2-Dichloroethylene	<0.004	<0.004	<0.004	<0.2	<0.2	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	2
Ethylbenzene	<0.004	<0.004	<0.004	8.5	6.9	0.5	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	10.1
Methylene Chloride	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	82	760	0.1
Tetrachloroethylene	<0.004	<0.004	<0.004	<0.2	<0.2	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	12	110	0.1
Toluene	<0.004	<0.004	<0.004	<0.2	<0.2	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	20
1,1,1-Trichloroethane	<0.004	<0.004	<0.004	<0.2	<0.2	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	4
1,1,2-Trichloroethane	<0.004	<0.004	<0.004	<0.2	<0.2	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	11	100	0.1
Trichloroethylene	0.050	0.016	0.044	<0.2	0.3	<0.2	0.038	0.037	0.042	0.040	0.022	0.026	0.011	56	520	0.1
Xylenes	<0.004	<0.004	0.004	21.8	22.4	2.4	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	19.5
Acetone	<0.02	<0.02	0.04	<0.2	<0.2	<0.2	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	500	1,000	14
Methyl ethyl ketone	<0.02	<0.02	<0.02	<0.2	<0.2	<0.2	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	500	1,000	8
METALS																
Arsenic	3.9	6.2	7.7	7.8	6.9	6.2	11.4	11.7	7.8	30.1	11.9	13.8	9.8	10	10	
Cadmium	0.59	0.62	0.69	0.90	0.90	0.91	0.90	1.08	0.78	0.73	1.26	0.94	0.74	34	1,000	
Chromium, trivalent	12.4	6.24	13.2	15.5	15.4	7.86	10.6	25.0	22.4	11.5	21.8	27.2	7.23	3,900	51,000	
Chromium, hexavalent	<0.95	<0.89	<0.93	3.43	1.49	<0.85	<0.83	<0.87	1.45	<0.83	<0.85	<0.86	<0.87	100	100	
Chromium, total	12.4	6.24	13.2	18.9	16.9	7.86	10.6	25.0	23.9	11.5	21.8	27.2	7.23	4,000	51,100	
Copper	13.6	31.7	17.6	72.5	72.0	19.8	25.7	18.9	47.4	1170	107	25.5	21.5	2,500	76,000	
Lead	2.46	3.56	4.41	32.2	27.6	4.02	4.84	7.30	4.38	4.52	7.33	6.12	5.27	500	1,000	
Nickel	5.51	5.35	9.67	16.4	15.4	86.1	103	485	35.6	23.0	12.8	11.1	5.27	1,400	7,500	
Silver	<0.39	<0.36	<0.38	<0.39	<0.39	<0.36	<0.39	<0.40	<0.40	<0.38	<0.38	<0.39	<0.40	340	10,000	
Total Cyanide	<3.75	<3.61	<3.78	<3.45	<3.42	<3.59	<3.45	<3.58	15.2	297	<3.56	<3.46	<3.51	1,400	41,000	

TABLE 6

AOC #7: FORMER WASTEWATER SUMPS / PLATING AREA
SUPPLEMENTAL WORK PLAN (SWP)

Lightolier Facility
Norwich, CT

COCs	GP2001-78 (0-2') (mg/kg)	GP2001-79 (0-2') (mg/kg)	GP2001-80 (0-2') (mg/kg)	GP2001-84 (0-2') (mg/kg)	GP2001-85 (4-5') (mg/kg)	GP2001-86 (0-2') (mg/kg)	GP2001-87 (0-2') (mg/kg)	GP2001-88 (0-2') (mg/kg)	GP2001-88A (0-2') (mg/kg)	GP2001-89 (0-2') (mg/kg)	GP2001-90 (4-5') (mg/kg)	GP2001-93 (0-4') (mg/kg)	Direct Exposure Criteria: Residential Criteria in mg/kg (ppm)	Direct Exposure Criteria: Industrial/Commercial Criteria in mg/kg (ppm)	Pollutant Mobility Criteria: GA Mobility Criteria in mg/kg (ppm)
VOLATILES															
Chloroform	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	100	940	0.12
1,1-Dichloroethane	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	500	1,000	1.4
1,2-Dichloroethane	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	7	63	0.02
1,1-Dichloroethylene	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	1	10	0.14
cis-1,2-Dichloroethylene	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	500	1,000	1.4
trans-1,2-Dichloroethylene	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	500	1,000	2
Ethylbenzene	<0.004	<0.004	<0.004	**2.4**	<0.004	<0.004	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	500	1,000	10.1
Methylene Chloride	<0.01	<0.01	<0.01	<0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.01	<0.01	82	760	0.1
Tetrachloroethylene	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	12	110	0.1
Toluene	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	500	1,000	20
1,1,1-Trichloroethane	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	500	1,000	4
1,1,2-Trichloroethane	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.2	<0.004	<0.004	11	100	0.1
Trichloroethylene	**0.036**	**0.014**	**0.023**	<0.2	**0.042**	**0.042**	**0.042**	**0.041**	**0.043**	<0.2	**0.042**	**0.041**	56	520	0.1
Xylenes	<0.004	<0.004	<0.004	**12**	<0.004	<0.004	<0.004	<0.004	<0.004	**0.4**	<0.004	<0.004	500	1,000	19.5
Acetone	<0.02	<0.02	<0.02	<0.2	<0.02	<0.02	<0.02	<0.02	<0.02	<0.2	<0.02	<0.02	500	1,000	14
Methyl ethyl ketone	<0.02	<0.02	<0.02	<0.2	<0.02	<0.02	<0.02	<0.02	<0.02	<0.2	<0.02	<0.02	500	1,000	8
METALS															
Arsenic	**19.0**	**8.1**	**22.5**	**5.4**	**6.0**	**11.3**	**17.8**	**13.4**	**9.2**	**11.3**	**9.0**	**7.8**	10	10	
Cadmium	**1.15**	**0.71**	**1.07**	**0.66**	**0.60**	**0.97**	**0.92**	**1.08**	**0.87**	**0.83**	**1.03**	**0.96**	34	1,000	
Chromium, trivalent	**18.6**	**18.4**	**46.6**	**10.1**	**8.57**	**11.3**	**28.9**	**21.1**	**12.0**	**178**	**14.0**	**24.3**	3,900	51,000	
Chromium, hexavalent	<0.87	**14.6**	**7.25**	<0.84	**0.86**	<0.85	**2.99**	<0.86	<0.86	**11.1**	<0.84	<0.83	100	100	
Chromium, total	**18.6**	**33.0**	**53.9**	**10.1**	**9.43**	**11.3**	**31.9**	**21.1**	**12.0**	**189**	**14.0**	**24.3**	4,000	51,100	
Copper	**20.4**	**20.3**	**16.0**	**135**	**48.7**	**27.7**	**26.8**	**58.7**	**46.6**	**20.9**	**77.8**	**11.8**	2,500	76,000	
Lead	**8.70**	**4.41**	**8.00**	**4.26**	**3.40**	**5.73**	**6.47**	**7.09**	**5.50**	**10.6**	**5.61**	**5.52**	500	1,000	
Nickel	**12.4**	**5.76**	**19.8**	**264**	**824**	**521**	**11.7**	**25.6**	**11.0**	**10.2**	**12.3**	**12.0**	1,400	7,500	
Silver	<0.40	<0.38	<0.38	<0.39	<0.38	<0.40	<0.39	<0.39	<0.39	<0.38	<0.37	<0.19	340	10,000	
Total Cyanide	**11.7**	<3.50	<3.39	<3.42	<3.62	<3.50	<3.45	<3.57	<3.46	<3.44	<3.46	<3.44	1,400	41,000	

TABLE 6

AOC #7: FORMER WASTEWATER SUMPS / PLATING AREA
SUPPLEMENTAL WORK PLAN (SWP)

Lightolier Facility
Norwich, CT

COCs	GP2001-66 (4-6') (mg/l)	GP2001-67 (4-6') (mg/l)	GP2001-68 (4-6') (mg/l)	GP2001-69 (0-2') (mg/l)	GP2001-69A (0-2') (mg/l)	GP2001-70 (0-2') (mg/l)	GP2001-71 (0-2') (mg/l)	GP2001-72 (0-2') (mg/l)	GP2001-73 (4-6') (mg/l)	GP2001-74 (0-2') (mg/l)	GP2001-75 (4-6') (mg/l)	GP2001-76 (0-2') (mg/l)	GP2001-77 (0-2') (mg/l)	Pollution Mobility Criteria GA Mobility Criteria in By SPLP in mg/l (ppm)
SPLP METALS														
Arsenic	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NT	NT	<0.005	NT	NT	NT	<0.005	0.05
Cadmium	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.005
Chromium, trivalent	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.5
Chromium, hexavalent	<0.02	<0.02	<0.02	0.11	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.021
Chromium, total	<0.03	<0.03	<0.03	0.13	0.05	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.05
Copper	NT	<0.05	NT	<0.05	<0.05	NT	NT	NT	**0.14**	1.38	<0.05	NT	NT	1.3
Lead	<0.002	<0.002	<0.002	<0.002	<0.002	**0.005**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.015
Nickel	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.02**	<0.02	<0.02	<0.02	0.1
Selenium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.05
Cyanide	NT	NT	NT	NT	NT	NT	NT	NT	**0.17**	0.83	NT	NT	NT	0.2

COCs	GP2001-78 (0-2') (mg/l)	GP2001-79 (0-2') (mg/l)	GP2001-80 (0-2') (mg/l)	GP2001-84 (0-2') (mg/l)	GP2001-85 (4-5') (mg/l)	GP2001-86 (0-2') (mg/l)	GP2001-87 (0-2') (mg/l)	GP2001-88 (0-2') (mg/l)	GP2001-88A (0-2') (mg/l)	GP2001-89 (0-2') (mg/l)	GP2001-90 (4-5') (mg/l)	GP2001-93 (0-4') (mg/l)	Pollution Mobility Criteria GA Mobility Criteria in By SPLP in mg/l (ppm)
SPLP METALS													
Arsenic	NT	<0.005	NT	<0.005	<0.005	NT	NT	NT	**0.018**	NT	<0.005	<0.005	0.05
Cadmium	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.005
Chromium, trivalent	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.5
Chromium, hexavalent	<0.02	0.34	<0.02	<0.02	<0.02	<0.02	<0.02	0.03	<0.02	**0.02**	<0.02	<0.02	0.021
Chromium, total	<0.03	0.34	<0.03	<0.03	<0.03	<0.03	<0.03	**0.03**	0.06	**0.03**	<0.03	<0.03	0.05
Copper	NT	NT	NT	<0.05	<0.05	<0.05	<0.05	**0.18**	**0.40**	NT	<0.05	NT	1.3
Lead	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.007**	**0.014**	<0.002	<0.002	<0.002	0.015
Nickel	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.05**	**0.07**	<0.02	<0.02	<0.02	0.1
Selenium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.05
Cyanide	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.2

Notes:
(a) Soil and Concrete Media Closure Criteria were obtained from the State of Connecticut Regulation of the Department of Environmental Protection concerning Remediation Standard.
(b) Constituents of Concern as identified in this work plan as identified in Table 27 and 28 of the "Supplemental Work Plan (SWP) for Site Characterization, Lightolier Facility, Norwich, CT (Volume 1).
(c) Total Chromium for the Direct Exposure Criteria (Residential/Industrial/Commercial) utilized a combined trivalent and hexavalent chromium criteria.
(d) NT = Not Tested

- Indicates a compound exceeded the CTDEP Residential/ Industrial/ Commerical Direct Exposure Criterias.

- Indicates a compound exceeded both the CTDEP Residential Direct Exposure and GA Pollutant Mobility Criterias.

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria by SPLP

~~<1.74~~ - Detection Limits are greater than the GA Pollutant Mobility Criteria

TABLE 7

AOC #8: FORMER PAINT STORAGE ROOM
SUPPLEMENTAL WORK PLAN (SWP)

Lightolier Facility
Norwich, CT

COCs	GP2001-100 (0-1') (mg/kg)	Direct Exposure Criteria		Pollutant Mobility Criteria
		Residential Criteria in mg/kg (ppm)	Industrial/Commercial Criteria in mg/kg (ppm)	GA Mobility Criteria in mg/kg (ppm)
VOLATILES				
Chloroform	<0.2	100	940	0.12
Methylene Chloride	<0.5	82	760	0.1
Methyl Ethyl Ketone	<1.0	500	1,000	8
Acetone	<1.0	500	1,000	14
Toluene	<0.2	500	1,000	20
Ethyl Benzene	<0.2	500	1,000	10.1
Xylenes	<0.2	500	1,000	19.5
SEMI-VOLATILES				
Phenol	<0.7	1,000	2,500	80
Dinoctyl Phthalate	<0.7	1,000	2,500	2
Phthalic Acid Esters	<0.7	44	410	1
OTHER COMPOUNDS				
Isobutanol	<10	23,000	610,000	
Formaldehyde	**1.76**	16,000	410,000	
Ethylene Glycol Monoethyl Ether		160,000	1,000,000	
METALS				
Cadmium	**0.70**	34	1,000	
Silver	<0.22	340	10,000	
Zinc	**28.0**	20,000	610,000	
SPLP METALS				**By SPLP in mg/l (ppm)**
Cadmium	<0.0005			0.005

Notes:

(a) Soil and Concrete Media Closure Criteria were obtained from the State of Connecticut Regulation of the Department of Environmental Protection concerning Remediation Standard, with the exception of isobutanol and ethylene glycol monoethyl ether which were obtained from USEPA Region III Risk-Based Concentration Table dated March 7, 1997.

(b) Constituents of Concern as identified in this work plan as identified in Section I of the Site Characterization Work Plan.

(d) Total Chromium for the Direct Exposure Criteria (Residential/Industrial/Commercial) utilized a combined trivalent and hexavalent chromium criteria.

- Indicates a compound exceeded the CTDEP Residential/ Industrial/ Commerical Direct Exposure Criterias.

- Indicates a compound exceeded both the CTDEP Residential Direct Exposure and GA Pollutant Mobility Criterias.

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria by SPLP

~~<1.74~~ - Detection Limits are greater than the GA Pollutant Mobility Criteria

TABLE 8

AOC #9: FORMER PAINTING DEPT. AREA
SUPPLEMENTAL WORK PLAN (SWP)

Lightolier Facility
Norwich, CT

COCs	GP2001-108 (0-2') (mg/kg)	GP2001-109 (0-2') (mg/kg)	GP2001-110 (0-2') (mg/kg)	GP2001-111 (0-2') (mg/kg)	GP2001-111A (0-2') (mg/kg)	GP2001-112 (0-2') (mg/kg)	GP2001-113 (0-2') (mg/kg)	GP2001-114 (0-2') (mg/kg)	GP2001-115 (0-2') (mg/kg)	Direct Exposure Criteria: Residential Criteria in mg/kg (ppm)	Direct Exposure Criteria: Industrial/Commercial Criteria in mg/kg (ppm)	Pollutant Mobility Criteria: GA Mobility Criteria in mg/kg (ppm)
VOLATILES												
Chloroform	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	100	940	0.12
1,1-Dichloroethane	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	1.4
1,2-Dichloroethane	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	6.7	63	0.02
1,1-Dichloroethylene	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	1	10	0.14
cis-1,2-Dichloroethylene	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	1.4
trans-1,2-Dichloroethylene	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	2
Ethylbenzene	<0.004	<0.004	<0.004	<0.004	**0.008**	<0.004	<0.004	<0.004	<0.004	500	1,000	10.1
Methylene Chloride	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	82	760	0.1
Tetrachloroethylene	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	12	110	0.1
Toluene	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	20
1,1,1-Trichloroethane	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	4
1,1,2-Trichloroethane	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	11	100	0.1
Trichloroethylene	**0.028**	**0.009**	**0.026**	**0.007**	**0.040**	**0.050**	**0.047**	**0.044**	**0.044**	56	520	0.1
Xylenes	<0.004	<0.004	<0.004	<0.004	**0.031**	<0.004	<0.004	<0.004	<0.004	500	1,000	19.5
Acetone	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	500	1,000	14
Methyl ethyl ketone	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	500	1,000	8
METALS												
Arsenic	**2.8**	**5.8**	**5.7**	**3.8**	**4.2**	**5.7**	**4.5**	**8.4**	**7.6**	10	10	
Cadmium	**0.34**	**1.00**	**0.57**	**0.25**	**0.41**	**0.61**	**0.58**	**0.83**	**0.72**	34	1,000	
Chromium, trivalent	**5.08**	**8.32**	**7.43**	**3.06**	**5.00**	**6.11**	**6.54**	**23.7**	**9.16**	3,900	51,000	
Chromium, hexavalent	<0.84	<0.84	<0.87	<0.84	<0.86	<0.85	<0.84	<0.82	<0.86	100	100	
Chromium, total	**5.08**	**8.32**	**7.43**	**3.06**	**5.00**	**6.11**	**6.54**	**23.7**	**9.16**	4,000	51,100	
Copper	**18.2**	**69.0**	**21.3**	**7.46**	**7.92**	**13.5**	**27.8**	**10.2**	**22.3**	2,500	76,000	
Lead	**2.26**	**5.42**	**4.95**	**2.87**	**3.21**	**4.58**	**4.54**	**5.45**	**5.34**	500	1,000	
Nickel	**4.70**	**6.38**	**5.33**	**2.87**	**3.68**	**4.58**	**4.73**	**13.7**	**7.63**	1,400	7,500	
Silver	<0.38	<0.39	<0.38	<0.38	<0.38	<0.38	<0.36	<0.38	<0.38	340	10,000	
SPLP METALS												**by SPLP mg/l (ppm)**
Arsenic	<0.005	<0.005	<0.005	<0.005	**0.005**	<0.005	<0.005	<0.005	<0.005			0.05
Cadmium	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			0.005
Chromium, trivalent	NT	NT	NT	NT	NT	NT	NT	NT	NT			10.5
Chromium, hexavalent	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02			0.021
Chromium, total	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03			0.05
Copper	NT	<0.05	NT	NT	NT	NT	<0.05	NT	NT			1.3
Lead	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			0.015
Nickel	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02			0.1
Selenium	NT	NT	NT	NT	NT	NT	NT	NT	NT			0.05

Notes:

(a) Soil and Concrete Media Closure Criteria were obtained from the State of Connecticut Regulation of the Department of Environmental Protection concerning Remediation Standard.

(b) Constituents of Concern as identified in this work plan as identified in Table 27 and 28 of the "Supplemental Work Plan (SWP) for Site Characterization, Lightolier Facility, Norwich, CT (Volume 1).

(d) NT = Not Tested

- Indicates a compound exceeded the CTDEP Residential/ Industrial/ Commerical Direct Exposure Criterias.

- Indicates a compound exceeded both the CTDEP Residential Direct Exposure and GA Pollutant Mobility Criterias.

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria by SPLP

~~<1.74~~ - Detection Limits are greater than the GA Pollutant Mobility Criteria

TABLE 9

AOC#10: FORMER EMPTY DRUM STORAGE AREA
SUPPLEMENTAL WORK PLAN (SWP)

Lightolier Facility
Norwich, CT

COCs	GP2001-1 (0-2') (mg/kg)	GP2001-2 (0-2') (mg/kg)	GP2001-3 (0-2') (mg/kg)	GP2001-4 (0-2') (mg/kg)	GP2001-5 (0-2') (mg/kg)	Direct Exposure Criteria: Residential Criteria in mg/kg (ppm)	Direct Exposure Criteria: Industrial/Commercial Criteria in mg/kg (ppm)	Pollutant Mobility Criteria: GA Mobility Criteria in mg/kg (ppm)
VOLATILES								
Chloroform	<0.004	<0.004	<0.004	<0.004	<0.004	100	940	0.12
1,1-Dichloroethane	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	1.4
1,2-Dichloroethane	<0.004	<0.004	<0.004	<0.004	<0.004	6.7	63	0.02
1,1-Dichloroethylene	<0.004	<0.004	<0.004	<0.004	<0.004	1	9.5	0.14
cis-1,2-Dichloroethylene	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	1.4
trans-1,2-Dichloroethylene	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	2
Ethylbenzene	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	10.1
Methylene Chloride	<0.01	<0.01	<0.01	<0.01	<0.01	82	760	0.1
Tetrachloroethylene	<0.004	**0.018**	<0.004	<0.004	<0.004	12	110	0.1
Toluene	<0.004	**0.005**	<0.004	<0.004	<0.004	500	1,000	20
1,1,1-Trichloroethane	<0.004	<0.004	<0.004	<0.004	<0.004	500	1,000	4
1,1,2-Trichloroethane	<0.004	<0.004	<0.004	<0.004	<0.004	11	100	0.1
Trichloroethylene	**0.032**	**0.021**	**0.025**	**0.039**	**0.018**	56	520	0.1
Xylenes	<0.004	**0.011**	**0.005**	<0.004	<0.004	500	1,000	19.5
Acetone	<0.02	<0.02	<0.02	<0.02	<0.02	500	1,000	14
Methyl ethyl ketone	<0.02	<0.02	<0.02	<0.02	<0.02	500	1,000	8
SEMI-VOLATILES								
Acenaphthylene	<0.7	<0.7	<0.7	<0.7	<0.7	1,000	2,500	8.4
Anthracene	<0.7	<0.7	<0.7	<0.7	<0.7	1,000	2,500	40
Benzo(a)anthracene	<0.7	<0.7	<0.7	<0.7	<0.7	1	7.8	1
Benzo(b)fluoranthene	<0.7	<0.7	<0.7	<0.7	<0.7	1	7.8	1
Benzo(k)fluoranthene	<0.7	<0.7	<0.7	<0.7	<0.7	8.4	78	1
Benzo(a)pyrene	<0.7	<0.7	<0.7	<0.7	<0.7	1	1	1
Fluoranthene	<0.7	<0.7	<0.7	<0.7	<0.7	1,000	2,500	5.6
Fluorene	<0.7	<0.7	<0.7	<0.7	<0.7	1,000	2,500	5.6
Naphthalene	<0.7	<0.7	<0.7	<0.7	<0.7	1,000	2,500	5.6
Phenanthrene	<0.7	<0.7	<0.7	<0.7	<0.7	1,000	2,500	4
Pyrene	<0.7	<0.7	<0.7	<0.7	<0.7	1,000	2,500	4
OTHER COCs								
ETPH (C9-C36)	**8.3**	**25**	**13**	**7.8**	**7.7**	500	2,500	500
METALS								
Arsenic	**9.9**	**15.2**	**15.1**	**19.1**	**18.8**	10	10	
Cadmium	**1.21**	**1.83**	**1.38**	**1.54**	**1.65**	34	1,000	
Chromium, trivalent	**15.2**	**19.8**	**16.2**	**27.8**	**30.5**	3,900	51,000	
Chromium, hexavalent	<1.74	<3.77	<3.74	<3.60	<1.80	100	100	
Chromium, total	**15.2**	**19.8**	**16.2**	**27.8**	**30.5**	4,000	51,100	
Copper	**39.2**	**33.5**	**43.2**	**18.1**	**15.2**	2,500	76,000	
Lead	**19.0**	**28.9**	**11.1**	**8.64**	**9.9**	500	1,000	
Nickel	**10.3**	**13.3**	**10.8**	**16.7**	**19.0**	1,400	7,500	
Silver	<0.40	<0.38	<0.42	<0.41	<0.41	340	10,000	
Total Cyanide	<3.42	<3.93	<3.70	<3.68	<3.67	1,400	41,000	
SPLP METALS								By SPLP in mg/l (ppm)
Arsenic	<0.005	NT	NT	NT	NT			0.05
Cadmium	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			0.005
Chromium, trivalent	<0.03	<0.03	<0.03	<0.03	<0.03			10.5
Chromium, hexavalent	<0.02	<0.02	<0.02	<0.02	<0.02			0.021
Chromium, total	<0.03	<0.03	<0.03	<0.03	<0.03			0.05
Copper	<0.05	<0.05	<0.05	NT	NT			1.3
Lead	<0.002	<0.002	<0.002	<0.002	<0.002			0.015
Nickel	<0.02	<0.02	<0.02	<0.02	<0.02			0.1

Notes:

(a) Soil and Concrete Media Closure Criteria were obtained from the State of Connecticut Regulation of the Department of Environmental Protection concerning Remediation Standard.

(b) Constituents of Concern as identified in this work plan as identified in Table 27 and 28 of the "Supplemental Work Plan (SWP) for Site Characterization, Lightolier Facility, Norwich, CT (Volume 1).

(c) Total Chromium for the Direct Exposure Criteria (Residential/Industrial/Commercial) utilized a combined trivalent and hexavalent chromium criteria.

(d) NT = Not Tested

- Indicates a compound exceeded the CTDEP Residential/ Industrial/ Commerical Direct Exposure Criterias.

- Indicates a compound exceeded both the CTDEP Residential Direct Exposure and GA Pollutant Mobility Criterias.

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria by SPLP

<1.74 - Detection Limits are greater than the GA Pollutant Mobility Criteria

TABLE 10

AOC #12: FORMER BOILER BLOWDOWN DRY WELL
SUPPLEMENTAL WORK PLAN (SWP)

Lightolier Facility
Norwich, CT

		Direct Exposure Criteria		Pollutant Mobility Criteria
COCs	**GP2001-40 (6-8') (mg/kg)**	**Residential Criteria in mg/kg (ppm)**	**Industrial/Commercial Criteria in mg/kg (ppm)**	**GA Mobility Criteria in mg/kg (ppm)**
VOLATILES				
Chloroform	**~~<0.2~~**	100	940	0.12
1,1-Dichloroethane	<0.2	500	1,000	1.4
1,2-Dichloroethane	**~~<0.2~~**	6.7	63	0.02
1,1-Dichloroethylene	**~~<0.2~~**	1	10	0.14
cis-1,2-Dichloroethylene	<0.2	500	1,000	1.4
trans-1,2-Dichloroethylene	<0.2	500	1,000	2
Ethylbenzene	<0.2	500	1,000	10.1
Methylene Chloride	**~~<0.5~~**	82	760	0.1
Tetrachloroethylene	**~~<0.2~~**	12	110	0.1
Toluene	<0.2	500	1,000	20
1,1,1-Trichloroethane	<0.2	500	1,000	4
1,1,2-Trichloroethane	**~~<0.2~~**	11	100	0.1
Trichloroethylene	**~~<0.2~~**	56	520	0.1
Xylenes	<0.2	500	1,000	19.5
Acetone	<1.0	500	1,000	14
Methyl ethyl ketone	<1.0	500	1,000	8
SEMI-VOLATILES				
Acenaphthylene	<0.7	1,000	2,500	8.4
Anthracene	<0.7	1,000	2,500	40
Benzo(a)anthracene	<0.7	1	7.8	1
Benzo(b)fluoranthene	<0.7	1	7.8	1
Benzo(k)fluoranthene	<0.7	8.4	78	1
Benzo(a)pyrene	<0.7	1	1	1
Fluoranthene	<0.7	1,000	2,500	5.6
Fluorene	<0.7	1,000	2,500	5.6
Naphthalene	<0.7	1,000	2,500	5.6
Phenanthrene	<0.7	1,000	2,500	4
Pyrene	<0.7	1,000	2,500	4
OTHER COCs				
ETPH (C9-C36)	**37**	500	2,500	500
METALS				
Arsenic	**6**	10	10	
Cadmium	**1.02**	34	1,000	
Chromium, trivalent	**12.4**	3,900	51,000	
Chromium, hexavalent	<0.89	100	100	
Chromium, total	**12.4**	4,000	51,100	
Copper	**533**	2,500	76,000	
Lead	**11.9**	500	1,000	
Nickel	**440**	1,400	7,500	
Silver	<0.20	340	10,000	
SPLP METALS				**By SPLP in mg/l (ppm)**
Arsenic	<0.005			0.05
Cadmium	<0.0005			0.005
Chromium, trivalent	NT			10.5
Chromium, hexavalent	<0.02			0.021
Chromium, total	<0.03			0.05
Copper	**0.05**			1.3
Lead	<0.002			0.015
Nickel	**0.03**			0.1
Selenium	NT			0.05

Notes:

(a) Soil and Concrete Media Closure Criteria were obtained from the State of Connecticut Regulation of the Department of Environmental Protection concerning Remediation Standard.

(b) Constituents of Concern as identified in this work plan as identified in Table 27 and 28 of the "Supplemental Work Plan (SWP) for Site Characterization, Lightolier Facility, Norwich, CT (Volume 1).

(c) Total Chromium for the Direct Exposure Criteria (Residential/Industrial/Commercial) utilized a combined trivalent and hexavalent chromium criteria.

(d) NT = Not Tested

- Indicates a compound exceeded the CTDEP Residential/ Industrial/ Commerical Direct Exposure Criterias.

- Indicates a compound exceeded both the CTDEP Residential Direct Exposure and GA Pollutant Mobility Criterias.

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria by SPLP

~~<1.74~~ - Detection Limits are greater than the GA Pollutant Mobility Criteria

TABLE 11

AOC #13: TEMPORARY HAZARDOUS WASTE HOLDING AREA
SUPPLEMENTAL WORK PLAN

Lightolier Facility
Norwich, CT

COCs	GP2001-55 (8-10') (mg/kg)	Direct Exposure Criteria		Pollutant Mobility Criteria
		Residential Criteria in mg/kg (ppm)	Industrial/Commercial Criteria in mg/kg (ppm)	GA Mobility Criteria in mg/kg (ppm)
VOLATILES				
Chloroform	<0.004	100	940	0.12
1,1-Dichloroethane	<0.004	500	1,000	1.4
1,2-Dichloroethane	<0.004	6.7	63	0.02
1,1-Dichloroethylene	<0.004	1	10	0.14
cis-1,2-Dichloroethylene	<0.004	500	1,000	1.4
trans-1,2-Dichloroethylene	<0.004	500	1,000	2
Ethylbenzene	<0.004	500	1,000	10.1
Methylene Chloride	<0.01	82	760	0.1
Tetrachloroethylene	<0.004	12	110	0.1
Toluene	<0.004	500	1,000	20
1,1,1-Trichloroethane	**0.007**	500	1,000	4
1,1,2-Trichloroethane	<0.004	11	100	0.1
Trichloroethylene	0.170	56	520	0.1
Xylenes	<0.004	500	1,000	19.5
Acetone	<0.02	500	1,000	14
Methyl ethyl ketone	<0.02	500	1,000	8
METALS				
Arsenic	11.4	10	10	
Cadmium	**1.22**	34	1,000	
Chromium, trivalent	**20.7**	3,900	51,000	
Chromium, hexavalent	<1.73	100	100	
Chromium, total	**20.7**	4,000	51,100	
Copper	**22.6**	2,500	76,000	
Lead	**5.91**	500	1,000	
Nickel	**11.4**	1,400	7,500	
Silver	<0.19	340	10,000	
Total Cyanide	<3.47	1,400	41,000	
SPLP METALS				**By SPLP in mg/l (ppm)**
Arsenic	NT			0.05
Cadmium	<0.0005			0.005
Chromium, trivalent	NT			10.5
Chromium, hexavalent	<0.02			0.021
Chromium, total	<0.03			0.05
Copper	NT			1.3
Lead	<0.002			0.015
Nickel	<0.02			0.1
Selenium	NT			0.05

Notes:

(a) Soil and Concrete Media Closure Criteria were obtained from the State of Connecticut Regulation of the Department of Environmental Protection concerning Remediation Standard.

(b) Constituents of Concern as identified in this work plan as identified in Table 27 and 28 of the "Supplemental Work Plan (SWP) for Site Characterization, Lightolier Facility, Norwich, CT (Volume 1).

(c) Total Chromium for the Direct Exposure Criteria (Residential/Industrial/Commercial) utilized a combined trivalent and hexavalent chromium criteria.

(d) NT = Not Tested

- Indicates a compound exceeded the CTDEP Residential/ Industrial/ Commerical Direct Exposure Criterias.

- Indicates a compound exceeded both the CTDEP Residential Direct Exposure and GA Pollutant Mobility Criterias.

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria

<1.74 - Detection Limits are greater than the GA Pollutant Mobility Criteria

TABLE 12

AOC #14: RECEIVING AREA (CURTAIN DRAIN)
SUPPLEMENTAL WORK PLAN

Lightolier Facility
Norwich, CT

COCs	GP2001-17 (0-2') (mg/kg)	GP2001-21 (0-2') (mg/kg)	GP2001-22 (0-2') (mg/kg)	GP2001-23 (2-4') (mg/kg)	Direct Exposure Criteria: Residential Criteria in mg/kg (ppm)	Direct Exposure Criteria: Industrial/Commercial Criteria in mg/kg (ppm)	Pollutant Mobility Criteria: GA Mobility Criteria in mg/kg (ppm)
VOLATILES							
Chloroform	<0.004	<0.004	<0.004	<0.004	100	940	0.12
1,1-Dichloroethane	<0.004	<0.004	<0.004	<0.004	500	1,000	1.4
1,2-Dichloroethane	<0.004	<0.004	<0.004	<0.004	6.7	63	0.02
1,1-Dichloroethylene	<0.004	<0.004	<0.004	<0.004	1	10	0.14
cis-1,2-Dichloroethylene	<0.004	<0.004	<0.004	<0.004	500	1,000	1.4
trans-1,2-Dichloroethylene	<0.004	<0.004	<0.004	<0.004	500	1,000	2
Ethylbenzene	<0.004	<0.004	<0.004	<0.004	500	1,000	10.1
Methylene Chloride	<0.01	<0.01	<0.01	<0.01	82	760	0.1
Tetrachloroethylene	<0.004	<0.004	<0.004	<0.004	12	110	0.1
Toluene	<0.004	<0.004	<0.004	<0.004	500	1,000	20
1,1,1-Trichloroethane	<0.004	<0.004	<0.004	<0.004	500	1,000	4
1,1,2-Trichloroethane	<0.004	<0.004	<0.004	<0.004	11	100	0.1
Trichloroethylene	**0.05**	**0.032**	**0.018**	**0.013**	56	520	0.1
Xylenes	<0.004	<0.004	<0.004	<0.004	500	1,000	19.5
Acetone	<0.02	<0.02	<0.02	<0.02	500	1,000	14
Methyl ethyl ketone	<0.02	<0.02	<0.02	<0.02	500	1,000	8
SEMI-VOLATILES							
Acenaphthylene	<0.7	<0.7	<0.7	<0.7	1,000	2,500	8.4
Anthracene	<0.7	<0.7	<0.7	<0.7	1,000	2,500	40
Benzo(a)anthracene	<0.7	<0.7	<0.7	<0.7	1	7.8	1
Benzo(b)fluoranthene	<0.7	<0.7	<0.7	<0.7	1	7.8	1
Benzo(k)fluoranthene	<0.7	<0.7	<0.7	<0.7	8.4	78	1
Benzo(a)pyrene	<0.7	<0.7	<0.7	<0.7	1	1	1
Fluoranthene	<0.7	<0.7	<0.7	<0.7	1,000	2,500	5.6
Fluorene	<0.7	<0.7	<0.7	<0.7	1,000	2,500	5.6
Naphthalene	<0.7	<0.7	<0.7	<0.7	1,000	2,500	5.6
Phenanthrene	<0.7	<0.7	<0.7	<0.7	1,000	2,500	4
Pyrene	<0.7	<0.7	<0.7	<0.7	1,000	2,500	4
OTHER COCs							
ETPH (C9-C36)	<4.0	<4.0	25	<4.0	500	2,500	500
METALS							
Arsenic	18.4	10.4	13.6	10.9	10	10	
Cadmium	**1.19**	**0.94**	**0.7**	**1.26**	34	1,000	
Chromium, trivalent	**34.2**	**7.1**	**18**	**13.5**	3,900	51,000	
Chromium, hexavalent	<0.86	<1.66	<0.85	<1.72	100	100	
Chromium, total	**34.2**	**7.1**	**18**	**13.5**	4,000	51,100	
Copper	**16.7**	**16.9**	**14.4**	**20.1**	2,500	76,000	
Lead	**6.25**	**4.04**	**6.41**	**5.98**	500	1,000	
Nickel	**22.0**	**5.9**	**14.0**	**9.8**	1,400	7,500	
Silver	<0.20	<0.44	<0.39	<0.43	340	10,000	
Total Cyanide	<3.46	<3.52	<3.48	<3.58	1,400	41,000	
SPLP METALS							By SPLP in mg/l (ppm)
Arsenic	NT	NT	NT	NT			0.05
Cadmium	<0.0005	<0.0005	<0.0005	<0.0005			0.005
Chromium, trivalent	<0.03	<0.03	<0.03	<0.03			10.5
Chromium, hexavalent	<0.02	<0.02	<0.02	<0.02			0.021
Chromium, total	<0.03	<0.03	<0.03	<0.03			0.05
Copper	NT	NT	NT	NT			1.3
Lead	<0.002	<0.002	<0.002	<0.002			0.015
Nickel	<0.02	<0.02	<0.02	<0.02			0.1
Selenium	NT	NT	NT	NT			0.05

Notes:

(a) Soil and Concrete Media Closure Criteria were obtained from the State of Connecticut Regulation of the Department of Environmental Protection concerning Remediation Standard.

(b) Constituents of Concern as identified in this work plan as identified in Table 27 and 28 of the "Supplemental Work Plan (SWP) for Site Characterization, Lightolier Facility, Norwich, CT (Volume 1).

(c) Total Chromium for the Direct Exposure Criteria (Residential/Industrial/Commercial) utilized a combined trivalent and hexavalent chromium criteria.

(d) NT = Not Tested

- Indicates a compound exceeded the CTDEP Residential/ Industrial/ Commerical Direct Exposure Criterias.

- Indicates a compound exceeded both the CTDEP Residential Direct Exposure and GA Pollutant Mobility Criterias.

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria by SPLP

<4.74 - Detection Limits are greater than the GA Pollutant Mobility Criteria

TABLE 13

AOC #15: BUILDING SEWER LINE/ PAVED PARKING AREA
SUPPLEMENTAL WORK PLAN (SWP)

Lightolier Facility
Norwich, CT

COCs	GP2001-35 (14-16') (mg/kg)	GP2001-36 (12-13') (mg/kg)	GP2001-37 (6-8') (mg/kg)	GP2001-38 (14-16') (mg/kg)	GP2001-39 (9.5-11.5') (mg/kg)	Direct Exposure Criteria		Pollutant Mobility Criteria
						Residential Criteria in mg/kg (ppm)	Industrial/Commercial Criteria in mg/kg (ppm)	GA Mobility Criteria in mg/kg (ppm)
VOLATILES								
Chloroform	<0.004	<0.004	<0.2	<0.2	<0.2	100	940	0.12
1,1-Dichloroethane	<0.004	<0.004	<0.2	<0.2	<0.2	500	1,000	1.4
1,2-Dichloroethane	<0.004	<0.004	<0.2	<0.2	<0.2	6.7	63	0.02
1,1-Dichloroethylene	<0.004	<0.004	<0.2	<0.2	<0.2	1	10	0.14
cis-1,2-Dichloroethylene	<0.004	<0.004	<0.2	<0.2	<0.2	500	1,000	1.4
trans-1,2-Dichloroethylene	<0.004	<0.004	<0.2	<0.2	<0.2	500	1,000	2
Ethylbenzene	<0.004	<0.004	<0.2	<0.2	<0.2	500	1,000	10.1
Methylene Chloride	<0.01	<0.01	<0.5	<0.5	<0.5	82	760	0.1
Tetrachloroethylene	<0.004	<0.004	<0.2	<0.2	<0.2	12	110	0.1
Toluene	<0.004	<0.004	<0.2	<0.2	<0.2	500	1,000	20
1,1,1-Trichloroethane	<0.004	<0.004	<0.2	<0.2	<0.2	500	1,000	4
1,1,2-Trichloroethane	<0.004	<0.004	<0.2	<0.2	<0.2	11	100	0.1
Trichloroethylene	0.052	0.04	0.2	<0.2	<0.2	56	520	0.1
Xylenes	<0.004	<0.004	<0.2	<0.2	<0.2	500	1,000	19.5
Acetone	<0.02	<0.02	<1.0	<1.0	<1.0	500	1,000	14
Methyl ethyl ketone	<0.02	<0.02	<1.0	<1.0	<1.0	500	1,000	8
SEMI-VOLATILES								
Acenaphthylene	<0.7	<0.7	<0.7	<0.7	<0.7	1,000	2,500	8.4
Anthracene	<0.7	<0.7	<0.7	<0.7	<0.7	1,000	2,500	40
Benzo(a)anthracene	<0.7	<0.7	<0.7	<0.7	<0.7	1	7.8	1
Benzo(b)fluoranthene	<0.7	<0.7	<0.7	<0.7	<0.7	1	7.8	1
Benzo(k)fluoranthene	<0.7	<0.7	<0.7	<0.7	<0.7	8.4	78	1
Benzo(a)pyrene	<0.7	<0.7	<0.7	<0.7	<0.7	1	1	1
Fluoranthene	<0.7	<0.7	<0.7	<0.7	<0.7	1,000	2,500	5.6
Fluorene	<0.7	<0.7	<0.7	<0.7	<0.7	1,000	2,500	5.6
Naphthalene	<0.7	<0.7	<0.7	<0.7	<0.7	1,000	2,500	5.6
Phenanthrene	<0.7	<0.7	<0.7	<0.7	<0.7	1,000	2,500	4
Pyrene	<0.7	<0.7	<0.7	<0.7	<0.7	1,000	2,500	4
OTHER COCs								
ETPH (C9-C36)	<4.0	<4.0	<4.0	<4.0	<4.0	500	2,500	500
METALS								
Arsenic	10.4	7.2	8	10	10.1	10	10	
Cadmium	0.57	0.66	0.9	0.87	1.01	34	1,000	
Chromium, trivalent	8.56	8.7	12.7	11.9	16.6	3,900	51,000	
Chromium, hexavalent	<0.81	<0.83	<0.86	<0.86	<1.78	100	100	
Chromium, total	8.56	8.7	12.7	11.9	16.6	4,000	51,100	
Copper	22	18.2	10.6	40.6	12.1	2,500	76,000	
Lead	4.9	4.49	8.37	6.8	12.1	500	1,000	
Nickel	6.65	6.02	8.27	7.40	11.70	1,400	7,500	
Silver	<0.38	<0.38	<0.20	<0.20	<0.20	340	10,000	
Total Cyanide	<3.48	<3.44	<3.5	<3.53	<3.72	1,400	41,000	
SPLP METALS								By SPLP mg/l (ppm)
Arsenic	NT	<0.005	<0.005	NT	NT			0.05
Cadmium	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			0.005
Chromium, trivalent	<0.03	<0.03	<0.03	<0.03	<0.03			10.5
Chromium, hexavalent	<0.02	<0.02	<0.02	<0.02	<0.02			0.021
Chromium, total	<0.03	<0.03	<0.03	<0.03	<0.03			0.05
Copper	NT	NT	NT	NT	NT			1.3
Lead	<0.002	<0.002	<0.002	<0.002	<0.002			0.015
Nickel	<0.02	<0.02	<0.02	<0.02	<0.02			0.1
Selenium	NT	NT	NT	NT	NT			0.05

Notes:

(a) Soil and Concrete Media Closure Criteria were obtained from the State of Connecticut Regulation of the Department of Environmental Protection concerning Remediation Standard.

(b) Constituents of Concern as identified in this work plan as identified in Table 27 and 28 of the "Supplemental Work Plan (SWP) for Site Characterization, Lightolier Facility, Norwich, CT (Volume 1).

(c) Total Chromium for the Direct Exposure Criteria (Residential/Industrial/Commercial) utilized a combined trivalent and hexavalent chromium criteria.

(d) NT = Not Tested

- Indicates a compound exceeded the CTDEP Residential/ Industrial/ Commerical Direct Exposure Criterias.

- Indicates a compound exceeded both the CTDEP Residential Direct Exposure and GA Pollutant Mobility Criterias.

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria by SPLP

<4.74 - Detection Limits are greater than the GA Pollutant Mobility Criteria

TABLE 14

AOC #18: FORMER 25-INCH HYDROFORM SUMP
SUPPLEMENTAL WORK PLAN (SWP)

Lightolier Facility
Norwich, CT

COCs	GP2001-96 (0-2') (mg/kg)	Direct Exposure Criteria		Pollutant Mobility Criteria
		Residential Criteria in mg/kg (ppm)	Industrial/Commercial Criteria in mg/kg (ppm)	GA Mobility Criteria in mg/kg (ppm)
VOLATILES				
Chloroform	<0.004	100	940	0.12
1,1-Dichloroethane	<0.004	500	1,000	1.4
1,2-Dichloroethane	<0.004	6.7	63	0.02
1,1-Dichloroethylene	<0.004	1	10	0.14
cis-1,2-Dichloroethylene	<0.004	500	1,000	1.4
trans-1,2-Dichloroethylene	<0.004	500	1,000	2
Ethylbenzene	<0.004	500	1,000	10.1
Methylene Chloride	<0.01	82	760	0.1
Tetrachloroethylene	<0.004	12	110	0.1
Toluene	<0.004	500	1,000	20
1,1,1-Trichloroethane	<0.004	500	1,000	4
1,1,2-Trichloroethane	<0.004	11	100	0.1
Trichloroethylene	0.136	56	520	0.1
Xylenes	<0.004	500	1,000	19.5
Acetone	<0.02	500	1,000	14
Methyl ethyl ketone	<0.02	500	1,000	8
SEMI-VOLATILES				
Acenaphthylene	<0.7	1,000	2,500	8.4
Anthracene	<0.7	1,000	2,500	40
Benzo(a)anthracene	<0.7	1	7.8	1
Benzo(b)fluoranthene	<0.7	1	7.8	1
Benzo(k)fluoranthene	<0.7	8.4	78	1
Benzo(a)pyrene	<0.7	1	1	1
Fluoranthene	<0.7	1,000	2,500	5.6
Fluorene	<0.7	1,000	2,500	5.6
Naphthalene	<0.7	1,000	2,500	5.6
Phenanthrene	<0.7	1,000	2,500	4
Pyrene	<0.7	1,000	2,500	4
OTHER COCs				
ETPH (C9-C36)	4.1	500	2,500	500

Notes:

(a) Soil and Concrete Media Closure Criteria were obtained from the State of Connecticut Regulation of the Department of Environmental Protection concerning Remediation Standard.

(b) Constituents of Concern as identified in this work plan as identified in Table 27 and 28 of the "Supplemental Work Plan (SWP) for Site Characterization, Lightolier Facility, Norwich, CT (Volume I).

- Indicates a compound exceeded the CTDEP Residential/ Industrial/ Commerical Direct Exposure Criterias.

- Indicates a compound exceeded both the CTDEP Residential Direct Exposure and GA Pollutant Mobility Criterias.

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria

<4.74 - Detection Limits are greater than the GA Pollutant Mobility Criteria

TABLE 15

AOC #19: FORMER LOCATION OF 400-TON PRESS
SUPPLEMENTAL WORK PLAN (SWP)

Lightolier Facility
Norwich, CT

COCs	GP2001-97 (0-2') (mg/kg)	Direct Exposure Criteria		Pollutant Mobility Criteria
		Residential Criteria in mg/kg (ppm)	Industrial/Commercial Criteria in mg/kg (ppm)	GA Mobility Criteria in mg/kg (ppm)
VOLATILES				
Chloroform	<0.004	100	940	0.12
1,1-Dichloroethane	<0.004	500	1,000	1.4
1,2-Dichloroethane	<0.004	6.7	63	0.02
1,1-Dichloroethylene	<0.004	1	10	0.14
cis-1,2-Dichloroethylene	<0.004	500	1,000	1.4
trans-1,2-Dichloroethylene	<0.004	500	1,000	2
Ethylbenzene	<0.004	500	1,000	10.1
Methylene Chloride	<0.01	82	760	0.1
Tetrachloroethylene	<0.004	12	110	0.1
Toluene	<0.004	500	1,000	20
1,1,1-Trichloroethane	<0.004	500	1,000	4
1,1,2-Trichloroethane	<0.004	11	100	0.1
Trichloroethylene	0.169	56	520	0.1
Xylenes	<0.004	500	1,000	19.5
Acetone	<0.02	500	1,000	14
Methyl ethyl ketone	<0.02	500	1,000	8
SEMI-VOLATILES				
Acenaphthylene	<0.7	1,000	2,500	8.4
Anthracene	<0.7	1,000	2,500	40
Benzo(a)anthracene	<0.7	1	7.8	1
Benzo(b)fluoranthene	<0.7	1	7.8	1
Benzo(k)fluoranthene	<0.7	8.4	78	1
Benzo(a)pyrene	<0.7	1	1	1
Fluoranthene	<0.7	1,000	2,500	5.6
Fluorene	<0.7	1,000	2,500	5.6
Naphthalene	<0.7	1,000	2,500	5.6
Phenanthrene	<0.7	1,000	2,500	4
Pyrene	<0.7	1,000	2,500	4
OTHER COCs				
ETPH (C9-C36)	48	500	2,500	500

Notes:

(a) Soil and Concrete Media Closure Criteria were obtained from the State of Connecticut Regulation of the Department of Environmental Protection concerning Remediation Standard.

(b) Constituents of Concern as identified in this work plan as identified in Table 27 and 28 of the "Supplemental Work Plan (SWP) for Site Characterization, Lightolier Facility, Norwich, CT (Volume 1).

- Indicates a compound exceeded the CTDEP Residential/ Industrial/ Commerical Direct Exposure Criterias.

- Indicates a compound exceeded both the CTDEP Residential Direct Exposure and GA Pollutant Mobility Criterias.

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria

<1.74 - Detection Limits are greater than the GA Pollutant Mobility Criteria

TABLE 16

AOC #20: FORMER LOCATION OF 225-TON PRESS
SUPPLEMENTAL WORK PLAN (SWP)

Lightolier Facility
Norwich, CT

COCs	GP2001-98 (0-2') (mg/kg)	Direct Exposure Criteria		Pollutant Mobility Criteria
		Residential Criteria in mg/kg (ppm)	Industrial/Commercial Criteria in mg/kg (ppm)	GA Mobility Criteria in mg/kg (ppm)
VOLATILES				
Chloroform	<0.004	100	940	0.12
1,1-Dichloroethane	<0.004	500	1,000	1.4
1,2-Dichloroethane	<0.004	6.7	63	0.02
1,1-Dichloroethylene	<0.004	1	10	0.14
cis-1,2-Dichloroethylene	<0.004	500	1,000	1.4
trans-1,2-Dichloroethylene	<0.004	500	1,000	2
Ethylbenzene	<0.004	500	1,000	10.1
Methylene Chloride	<0.01	82	760	0.1
Tetrachloroethylene	<0.004	12	110	0.1
Toluene	<0.004	500	1,000	20
1,1,1-Trichloroethane	<0.004	500	1,000	4
1,1,2-Trichloroethane	<0.004	11	100	0.1
Trichloroethylene	0.078	56	520	0.1
Xylenes	<0.004	500	1,000	19.5
Acetone	<0.02	500	1,000	14
Methyl ethyl ketone	<0.02	500	1,000	8
SEMI-VOLATILES				
Acenaphthylene	<0.7	1,000	2,500	8.4
Anthracene	<0.7	1,000	2,500	40
Benzo(a)anthracene	<0.7	1	7.8	1
Benzo(b)fluoranthene	<0.7	1	7.8	1
Benzo(k)fluoranthene	<0.7	8.4	78	1
Benzo(a)pyrene	<0.7	1	1	1
Fluoranthene	<0.7	1,000	2,500	5.6
Fluorene	<0.7	1,000	2,500	5.6
Naphthalene	<0.7	1,000	2,500	5.6
Phenanthrene	<0.7	1,000	2,500	4
Pyrene	<0.7	1,000	2,500	4
OTHER COCs				
ETPH (C9-C36)	13	500	2,500	500

Notes:

(a) Soil and Concrete Media Closure Criteria were obtained from the State of Connecticut Regulation of the Department of Environmental Protection concerning Remediation Standard.

(b) Constituents of Concern as identified in this work plan as identified in Table 27 and 28 of the "Supplemental Work Plan (SWP) for Site Characterization, Lightolier Facility, Norwich, CT (Volume 1).

- Indicates a compound exceeded the CTDEP Residential/ Industrial/ Commerical Direct Exposure Criterias.

- Indicates a compound exceeded both the CTDEP Residential Direct Exposure and GA Pollutant Mobility Criterias.

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria

<4.74 - Detection Limits are greater than the GA Pollutant Mobility Criteria

TABLE 17

AOC #21: FORMER 15-INCH HYDROFORM SUMP
SUPPLEMENTAL WORK PLAN (SWP)

Lightolier Facility
Norwich, CT

COCs	GP2001-99 (0-2') (mg/kg)	Direct Exposure Criteria		Pollutant Mobility Criteria
		Residential Criteria in mg/kg (ppm)	Industrial/Commercial Criteria in mg/kg (ppm)	GA Mobility Criteria in mg/kg (ppm)
VOLATILES				
Chloroform	<0.004	100	940	0.12
1,1-Dichloroethane	<0.004	500	1,000	1.4
1,2-Dichloroethane	<0.004	6.7	63	0.02
1,1-Dichloroethylene	<0.004	1	10	0.14
cis-1,2-Dichloroethylene	<0.004	500	1,000	1.4
trans-1,2-Dichloroethylene	<0.004	500	1,000	2
Ethylbenzene	<0.004	500	1,000	10.1
Methylene Chloride	<0.01	82	760	0.1
Tetrachloroethylene	0.011	12	110	0.1
Toluene	<0.004	500	1,000	20
1,1,1-Trichloroethane	<0.004	500	1,000	4
1,1,2-Trichloroethane	<0.004	11	100	0.1
Trichloroethylene	0.291	56	520	0.1
Xylenes	<0.004	500	1,000	19.5
Acetone	<0.02	500	1,000	14
Methyl ethyl ketone	<0.02	500	1,000	8
SEMI-VOLATILES				
Acenaphthylene	<10	1,000	2,500	8.4
Anthracene	<10	1,000	2,500	40
Benzo(a)anthracene	<10	1	7.8	1
Benzo(b)fluoranthene	<10	1	7.8	1
Benzo(k)fluoranthene	<10	8.4	78	1
Benzo(a)pyrene	<10	1	1	1
Fluoranthene	<10	1,000	2,500	5.6
Fluorene	<10	1,000	2,500	5.6
Naphthalene	<10	1,000	2,500	5.6
Phenantherene	<10	1,000	2,500	4
Pyrene	<10	1,000	2,500	4
OTHER COCs				
ETPH (C9-C36)	1,400	500	2,500	500

Notes:

(a) Soil and Concrete Media Closure Criteria were obtained from the State of Connecticut Regulation of the Department of Environmental Protection concerning Remediation Standard.

(b) Constituents of Concern as identified in this work plan as identified in Table 27 and 28 of the "Supplemental Work Plan (SWP) for Site Characterization, Lightolier Facility, Norwich, CT (Volume 1).

- Indicates a compound exceeded the CTDEP Residential/ Industrial/ Commerical Direct Exposure Criterias.

- Indicates a compound exceeded both the CTDEP Residential Direct Exposure and GA Pollutant Mobility Criterias.

- Indicates a compound exceeded the CTDEP GA Pollutant Mobility Criteria

<1.74 - Detection Limits are greater than the GA Pollutant Mobility Criteria