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Mr. Sam Chummar
Remedial Project Manager
USEPA Region 5
Superfund Division
Remedial Response Section #1
77 W. Jackson Blvd. (SR-6J)
Chicago, IL 60604

INDUSTRIAL

Subject:
Georgia-Pacific Corporation Time Critical Removal Action Monthly Progress Report #9

Date:
August 23, 2007

Contact:
Patrick N. McGuire

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Email:
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Our ref:
B0066105.001

Dear Mr. Chummar:

Attached is the ninth monthly progress report for the Time Critical Removal Action (TCRA) at the Georgia-Pacific Corporation (Georgia-Pacific) Kalamazoo Mill Property and the former Hawthorne Mill Property (collectively referred to as the Mill Properties). The Mill Properties are associated with the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site. This report has been prepared pursuant to the Administrative Settlement Agreement and Order on Consent (AOC), Docket No. V-W-'07-C-858, and covers activities from July 14, 2007 through August 10, 2007.

Sincerely,

ARCADIS of New York, Inc.

Patrick N. McGuire
Associate

PNM/dmn
Enclosures

Copies:
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I. Significant Developments

Actions Performed

- During this reporting period, on July 18, 2007 the silt fence and any debris that had accumulated behind the silt fence, was removed from the Mill Properties.

- On July 18, 2007 No Trespassing signs were installed pursuant to the *Post Removal Site Control Plan for the Time Critical Removal Action for the Refuse Area at the Georgia-Pacific Corporation Kalamazoo Property and the Oxbow Area at the Former Hawthorne Mill Property* (Arcadis BBL 2007) at the following locations:

    - Refuse Area – 1 sign every 200 feet along the fence, starting at the railroad trestle and moving southeast back to the original fence at the southeast corner of the work area.

    - Oxbow Area – 1 sign every 200 feet along the perimeter of the work area.

Analytical Data

- The last verification soil sample taken within the diesel spill removal area was validated. Analytical data for this sample can be found in Table 1.

II. Developments Anticipated

Schedule of Actions to be Performed

- No trespassing signs will be posted every 200 feet on stakes along the river.

- The diesel spill soil will be transported to C&C Landfill after the landfill confirms waste characterization results.

- The A-Site Supplemental Activities Letter report on the diesel spill and the Willow Boulevard/A-Site OU Maintenance Activity Report will be submitted as requested by the United States Environmental Protection Agency (USEPA).

- The Final Report Draft will be finalized and submitted to USEPA on September 9, 2007.

Anticipated Problems

- None.

Planned Resolutions of Past or Anticipated Problems

- None.

Table 1

Georgia-Pacific Corporation
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Time Critical Removal Action for the Refuse Area at the Georgia-Pacific Corporation Kalamazoo Mill Property
and the Oxbow Area at the Former Hawthorne Mill Property

Diesel Spill Area Sampling Results

Constituent	MDEQ 201 Soil Criteria	Sample ID					
		G53330	G53331	G53332	G53333	G53334	G53335
Polychlorinated Biphenyls	3,000,000	NA	NA	NA	NA	NA	NA
Vinyl Chloride	40	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	15,000	NA	NA	NA	NA	NA	NA
2-Butanone	44,000	NA	NA	NA	NA	NA	NA
Chloroform	3,400	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	900	NA	NA	NA	NA	NA	NA
Benzene	4,000	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	7,200	NA	NA	NA	NA	NA	NA
Trichloroethene	4,000	NA	NA	NA	NA	NA	NA
Tetrachloroethene		NA	NA	NA	NA	NA	NA
Chlorobenzene	940	NA	NA	NA	NA	NA	NA
Pyridine	330	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	290	NA	NA	NA	NA	NA	NA
2-Methylphenol	1,400	NA	NA	NA	NA	NA	NA
4-Methylphenol	1,400	NA	NA	NA	NA	NA	NA
Hexachloroethane	1,800	NA	NA	NA	NA	NA	NA
Nitrobenzene	3,600	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	1,800	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	2,400	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	39,000	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	430	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	1,800	NA	NA	NA	NA	NA	NA
Pentachlorophenol	0	NA	NA	NA	NA	NA	NA
Arsenic	70,000	NA	NA	NA	NA	NA	NA
Barium	536,410	NA	NA	NA	NA	NA	NA
Cadmium	3,000	NA	NA	NA	NA	NA	NA
Chromium	3,300	NA	NA	NA	NA	NA	NA
Lead	2,464,000	NA	NA	NA	NA	NA	NA
Mercury	100	NA	NA	NA	NA	NA	NA
Selenium	400	NA	NA	NA	NA	NA	NA
Silver	500	NA	NA	NA	NA	NA	NA
Ignitability (°F)		NA	NA	NA	NA	NA	NA
Corrosivity (pH)		NA	NA	NA	NA	NA	NA
Reactivity		NA	NA	NA	NA	NA	NA
Total Suspended Solids		NA	NA	NA	NA	NA	NA
Naphthalene	870	28 J	98 J	**1500**	**1400**	<370	**3300 D**
Acenaphthylene	5,900	<520	<830	<600	<520	<370	<570
Acenaphthene	4,400	33 J	<830	890	1400	<370	3500
Fluorene	5,300	52 J	<830	890	1400	<370	3300 D
Phenanthrene	5,300	81 J	59 J	1800	2300	<370	**9000 D**
Anthracene	41,000	<520	<830	<600	<520	<370	2400
Fluoranthene	5,500	<520	<830	<600	120 J	<370	1100
Pyrene	480,000	<520	<830	340 J	450 J	<370	4000
Benzo(a)anthracene		<520	<830	<600	<520	<370	300 J
Chrysene		<520	<830	<600	<520	<370	450 J
Benzo(b)fluoranthene		<520	<830	<600	<520	<370	320 JY
Benzo(k)fluoranthene		<520	<830	<600	<520	<370	< 151 J
Benzo(a)pyrene		<520	<830	<600	<520	<370	100 J
Indeno(1, 2, 3-cd)pyrene		<520	R	<600 J	<520	<370	<570 J
Dibenz(a, h) anthracene		<520	R	<600 J	<520	<370	<570 J
Benzo(g, h, i)perylene		<520	R	<600 J	<520	<370	<570 J
2, 4-D		NA	NA	NA	NA	NA	NA
2, 4, 5-TP (Silvex)	3,600	NA	NA	NA	NA	NA	NA

Table 1

Georgia-Pacific Corporation
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Time Critical Removal Action for the Refuse Area at the Georgia-Pacific Corporation Kalamazoo Mill Property
and the Oxbow Area at the Former Hawthorne Mill Property

Diesel Spill Area Sample Results

Constituent	Sample ID			
	G53336	G53337	G53338	G53339[2]
Polychlorinated Biphenyls	NA	NA	NA	365
Vinyl Chloride	NA	NA	NA	<44
1,1-Dichloroethene	NA	NA	NA	<44
2-Butanone	NA	NA	NA	100
Chloroform	NA	NA	NA	<44
Carbon Tetrachloride	NA	NA	NA	<44
Benzene	NA	NA	NA	<44
1,2-Dichloroethane	NA	NA	NA	<44
Trichloroethene	NA	NA	NA	<44
Tetrachloroethene	NA	NA	NA	<44
Chlorobenzene	NA	NA	NA	<44
Pyridine	NA	NA	NA	<50
1,4-Dichlorobenzene	NA	NA	NA	<50
2-Methylphenol	NA	NA	NA	<50
4-Methylphenol	NA	NA	NA	<50
Hexachloroethane	NA	NA	NA	<50
Nitrobenzene	NA	NA	NA	<50
Hexachlorobutadiene	NA	NA	NA	<50
2,4,6-Trichlorophenol	NA	NA	NA	<50
2,4,5-Trichlorophenol	NA	NA	NA	<130
2,4-Dinitrotoluene	NA	NA	NA	<50
Hexachlorobenzene	NA	NA	NA	<50
Pentachlorophenol	NA	NA	NA	<130
Arsenic	NA	NA	NA	<3.5
Barium	NA	NA	NA	816
Cadmium	NA	NA	NA	< 5
Chromium	NA	NA	NA	<1.8
Lead	NA	NA	NA	<2.9
Mercury	NA	NA	NA	<1.0
Selenium	NA	NA	NA	<3.3
Silver	NA	NA	NA	<3.6
Ignitability (°F)	NA	NA	NA	>200
Corrosivity (pH)	NA	NA	NA	7.8
Reactivity	NA	NA	NA	<101
Total Suspended Solids	NA	NA	NA	89.9
Naphthalene	400 J	<670	150 J	NA
Acenaphthylene	<500	<670	<620	NA
Acenaphthene	350 J	<670	110 J	NA
Fluorene	450 J	<670	130 J	NA
Phenanthrene	570	52 J	190 J	NA
Anthracene	<500	<670	<620	NA
Fluoranthene	95 J	<670	85 J	NA
Pyrene	250 J	<670	160 J	NA
Benzo(a)anthracene	<500	<670	<620	NA
Chrysene	<500	<670	<620	NA
Benzo(b)fluoranthene	<500	<670	<620	NA
Benzo(k)fluoranthene	<500	<670	<620	NA
Benzo(a)pyrene	<500	<670	<620	NA
Indeno(1, 2, 3-cd)pyrene	<500	<670	<620	NA
Dibenz(a, h) anthracene	<500	<670	<620	NA
Benzo(g, h, i)perylene	<500	<670	<620	NA
2, 4-D	NA	NA	NA	<100
2, 4, 5-TP (Silvex)	NA	NA	NA	<7.0

Table 1

Georgia-Pacific Corporation
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Time Critical Removal Action for the Refuse Area at the Georgia-Pacific Corporation Kalamazoo Mill Property
and the Oxbow Area at the Former Hawthorne Mill Property

Diesel Spill Area Sample Results

Constituent	Sample ID			
	G53341	G53342	G53343	G53344
Polychlorinated Biphenyls	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA
Benzene	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA
Pyridine	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA
4-Methylphenol	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA
Hexachlorobenzene	NA	NA	NA	NA
Pentachlorophenol	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA
Barium	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA
Chromium	NA	NA	NA	NA
Lead	NA	NA	NA	NA
Mercury	NA	NA	NA	NA
Selenium	NA	NA	NA	NA
Silver	NA	NA	NA	NA
Ignitability (°F)	NA	NA	NA	NA
Corrosivity (pH)	NA	NA	NA	NA
Reactivity	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA
Naphthalene	**3200 J**	<500	480 J	28 J
Acenaphthylene	<520J	<500	<520	<330
Acenaphthene	<520	<500	<520 J	<330
Fluorene	1500	<500	360 J	<330
Phenanthrene	3600	350 J	660 J	78 J
Anthracene	<520	<500 J	<520 J	<330
Fluoranthene	<520	<500 J	<520 J	<330
Pyrene	680	100 J	< 520	<330
Benzo(a)anthracene	<520	<500 J	< 520	<330
Chrysene	<520	<500	< 520	<330
Benzo(b)fluoranthene	<520	<500	< 520	<330
Benzo(k)fluoranthene	<520	<500	< 520	<330
Benzo(a)pyrene	<520	<500	< 520	<330
Indeno(1, 2, 3-cd)pyrene	<520 J	<500	<520 J	<330
Dibenz(a, h) anthracene	<520 J	<500	<520 J	<330
Benzo(g, h, i)perylene	<520 J	<500	<520 J	<330
2, 4-D	NA	NA	NA	NA
2, 4, 5-TP (Silvex)	NA	NA	NA	NA

Notes:

Concentrations are in parts per million (ppm) unless otherwise noted.

[1]The characteristic of reactivity is determined by measuring the release of cyanide or sulfide from the waste, both of which were not detected in the sample.

[2]Sample was analyzed for for waste charecterization parameters.

NA = Compound was not analyzed for.

Bold = Values in bold represent concentration levels that exceed the Michigan DEQ limiting criteria.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

D = Value from analysis is a secondary dilution.

Y = Benzo(b)fluoranthene and benzo(k)fluoranthene could not be separated in this sample.

-- = These samples were submitted for analysis this reporting period. This data will be presented in the next monthly progress report after the validation process has been completed.

R = Rejected