ecology and environment, inc.

International Specialists in the Environment

US EPA RECORDS CENTER REGION 5

543827

Job Number

SITE NAME: Mansfield Products Company

ADDRESS: 246 East Fourth Street

Mansfield, Ohio 44902 (Richland Co.)

U.S.EPA # OHD000723601

TDD # F05-9001-017

PAN # FOH0532SA

SSID # None

(419) 755-6309
Norm Schehl } please FAX clip list
WCI Laundry Div.

E & E Job Number FT1305

Telephone Code Number (312) 663-9415

Site Name Mansfield Products Company
246 East Fourth Street
State/City Mansfield, Ohio 44902

U.S.EPA OHD000723601
TDD F05-9001-017
PAN F0H0532SA
SSID None

Start/Finish Date September 25, 1990 / September 25, 1990

Book 1 of 1

E & E Emergency Response Center: (716) 684-8940

FOH0532SA DATE: 9/25/90

FIT TEAM MEMBERS: Larry Lueck - team leader
Ron Bugg - site safety officer
Ed Kareck - sampler
Chuck Hall - team member

SITE ARRIVAL, DEPARTURE TIMES:
Arrival: 0855 Departure: ~1730

ON-GOING WEATHER: ~60F° mostly sunny

PROPOSED WORK FOR TODAY:
① interview site representative(s)
② site reconnaissance
③ Collect 5 on-site soil samples, one background soil sample, and three stream sediment samples

PLACE & TIME OF SITE INTERVIEW:
9/25/90 - small conference room on fifth floor, general offices, of off-site bldg on Fourth St.
began about 0910

SITE: 5th St., First Ave., Eclipse St., Wayne St.

[signature] 9/25/90

FOH0532SA DATE: 9/25/90

NON-FIT PARTICIPATING PERSONNEL:
Norm Schehl - Sr. Manufacturing Engineer
Jim Calhoun - Vice Pres. Regulatory Affairs

DESCRIPTION OF CURRENT SITE MANAGEMENT PRACTICES:
porcelan enameling
metal painting - appliances
some machining used to occur

~42 bldg was used for applying porcelan to appliances - pickle with nickelo process

[signature] 9/25/90

FOH0532SA DATE: 9/25/90

CURRENT OWNER/OPERATOR INFORMATION:

White Consolidated Industries, Inc.

facility name: WCI Laundry Div., Mansfield Plant

ownership of creek unknown
there is also a rr right-of way

YEARS OF OPERATION, PAST OWNERS:
White aquired in 1975 from Westinghouse Elec. Corp. who used same processes
Westinghouse purchased in 1917
Baxter Stove had it before that

SIZE OF SITE: measuring plot plan later

FENCED? yes

NUMBER OF BUILDINGS ON SITE: 3 buildings plus two over head bridges
X, Y, Z bldg. shut down end of Aug. 1990; bridges for conveyors between enameling & fabrication bldgs.; eastern one has been used for a long time; XYZ being dismantled

SITE MAP AVAILABLE: yes

[illegible] 9/25/90

FOH0532SA: DATE: 9/25/90

NUMBER OF WORKERS ON SITE: 1 in WWTP, 5 or 6 in plastics

DESCRIPTION OF WASTES: sludge from WWTP hauled away in luggers - very good dewatering, "sludge" is more like a cake - contains heavy metals

WASTE QUANTITY: a little sludge from metal preparation for paint line - probably not even 1 lugger/wo

[illegible] 9/25/90

FOH0532SA DATE: 9/25/90

AREAS OF DUMPING AND/OR WASTE STORAGE:
none – long time ago informed all their factories not to store over 90 days and they don't; is all the White Westinghouse plants nationwide

WASTE WATER TREATMENT, OUTFALLS: in operation –
≈125 – ff 9/25/90 87,000 gpd
water goes to creek via outfall 001

non-contact coolant & roof drain water thru 002 to city sewer

Jerry Smith 9/25/90

FOH0532SA DATE: 9/25/90

FEEDSTOCK & CHEMICALS USED ON SITE: paint, sheet steel, plastics, polyprop. for molding; xylene, paint solvent, reclaimed by commercial processor
– incoming components from other plants

PERMITS/LICENSES HELD:
current NPDES expires ~ 1992

3 boilers, each with Ohio operating permits – the 2 coal ones aren't used, one gas one is – coal ones for standby, good about a week
permit for painting process, quarterly reports

Jerry Smith 9/25/90

FOH0532SA DATE: 9/25/90

NUMBER, TYPE OF WELLS ON SITE: one or more used to supplement water supply

OTHER WATER SOURCES: drinking & part of process water comes from city system

WASTE TRANSPORTERS: Mill Iron (refuse business)

LOCATION OF OFF-SITE DUMPING: don't know off hand

[signature] 9/25/90

FOH0532SA DATE: 9/25/90

REMEDIAL ACTIONS: no RCRA or CERCLIS actions

FUTURE PLANS: plant to shut down Dec. 31, permanently, due to business concerns; partly because the old plant is very spread out and "impossible to operate efficiently"

SPLIT SAMPLES? yes, one large Mason Jar each

LEAVE TRASH ON-SITE? yes

[signature] 9/25/90

not necessary [signature] 9/25/90

~~CONTINUE ON PAGE IF NECESSARY~~

FOH05325A DATE: 9/25/90

DESCRIPTION OF FIT SITE ACTIVITIES:

0855-0910 waiting for interview
0910 - 0950 site interview
0950-1000 getting to setup site
1000 - 1010 Ron Bugg site safety meeting.
1010 - 1050 getting sampling & safety equipment ready
1100 - 1145 site recon
1145-1215 break and determining sample locations - decided to take 2 midpoint stream sediment samples, plus upstream and downstream, and two soils on each side of creek
1215 Hall went to take S6 in line of site from Karecki; Lueck & Bugg went to take S2 under 1st Ave bridge
1300 Hall & Lueck went to take S7, Bugg stayed to help Karecki
1330 Bugg & Lueck went to take S8, Hall finished some decorning and joined Bugg & Lueck
1345 Hall took S9 with Lueck & Bugg helping; all returned to sample van by 1355
1400 Lueck took S3 - 25ft downstream from outfall 001, within 8ft of bank. Hall & Bugg helped
1445 Hall took S4 ~10ft ~~north~~ west of ~~no~~ east overhead bridge on north bank ff 9/25/90
1520 Hall, Bugg & Lueck went to get S5 by Wayne Street bridge
1545 Bugg & Lueck went to get background, finally found one in North Lake Park ~1630
1640 Lueck called E&E Chicago for Plan to FAX CLP list to Norm Schehl
1650 Lueck & Bugg returned to sample van
1720 Lueck & Karecki took sample coolers to Fed. Ex., Hall & Bugg directly back to hotel

[signature] 9/25/90

FOH05325A DATE: 9/25/90

MISCELLANEOUS NOTES:

Decided to take two "midpoint" stream sediment samples at the expense of one soil sample because:
1) stream pollution seemed to be the main concern in the PA
2) the entire area of the WWTP looked clean, and most of it is paved
3) other unpaved ground on the site is limited as far as potential soil samples

X

Creek floods fairly often and has in fact flooded over its banks once or twice in the memory of Norm Schehl who has worked at the plant 16 or 17 years

FOH05325A DATE: 9/25/90

CAMERA: Kodak 5100EF

FILM: Kodachrome Gold 100

SAFETY EQUIPMENT:

EQUIPMENT	I.D. #	BACKGROUND READINGS	FIELD CALIBRATION	ON-SITE READINGS	COMMENTS
OVA	611287	~~reacts with marker~~ 0 ppm ff 9/25/90	reacts with marker	0 ppm	—
HNu	not used	N/A	N/A	N/A	—
Rad-Min:	M820097	0	reacts with mantle	0	—
Combination meter (Exotox) ff 9/25/90	691453	21.0% O_2, 0% LEL ff 9/25	21.0% O_2, 30% LEL with span gas cal.	21.0% O_2, 0% LEL	—
~~Dragger pump~~ Monotox	465883	0 ppm	used generator	0 ppm	—

OTHER ON-SITE EQUIPMENT:

an SCBA with spare tank that was not used

Larry Funk 9/25/90

FOH05325A DATE: 9/25/90

Soil/sediment #1
Time: 1630 Composite/Grab
Surface/depth
Technique/equipment: trowel, bowl, spoon

Collected by: Bugg & Lueck
Location: North Lake Park, stream bank, just down from lawn - across road - east from pond
Comments/physical description: sandy med. brown topsoil
Potential background

Soil/sediment #2
Time: 1230 Composite/Grab
Surface/depth N/A ff 9/25/90 to 6"
Technique/equipment: shovel, trowel, bowl, spoon

Collected by: Bugg
Location: under 1st Ave bridge below water line
Comments/physical description: silty sand & gravel

Soil/sediment #3-4 ff 9/25/90
Time: 1445 Composite/Grab
Surface/depth to 6"
Technique/equipment: shovel, trowel, spoon, bowl

Collected by: Hall & Bugg
Location: just west of the east overhead bridge, north bank just under water
Comments/physical description: brown mud

Larry Funk 9/25/90

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Soil / sediment # ~~4~~ 3 ff 9/25/90
Time: ~~1445~~ 1400 ff 9/25/90 Composite / Grab
Surface / depth to 6"
Technique / equipment: showel, bowl, spoon

Collected by: ~~Lueck, Hall & Bugg~~ Lueck 9/25/90 ff
Location: ~~~25ft~~ ckay ff 9/25/90 downstream from outfall 001 under water, within 8ft of bank
Comments / physical description: ~~sand & gravel, few fines~~ ckay ff 9/25/90

Soil / sediment #5
Time: 1520 Composite / Grab
Surface / depth to 6"
Technique / equipment: shovel, bowl, trowel, spoon

Collected by: Bugg, Hall, Lueck
Location: right under Wayne St. bridge, south side, just below water line
Comments / physical description: sand

Soil / sediment #6
Time: 1230 Composite / Grab
Surface / depth
Technique / equipment: trowel, bowl, spoon

Collected by: Hall
Location: just a little downslope from WWTP bet. two tank
Comments / physical description:

[signature] 9/25/90

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Soil / sediment #7
Time: 1300 Composite / Grab
Surface / depth
Technique / equipment: trowel, bowl, spoon

Collected by: Hall
Location: ~1/2 way down bank from corner of "N bldg". sort of a spillway
Comments / physical description: dry organic-rich chocolate colored topsoil

Soil / sediment #8
Time: 1330 Composite / Grab
Surface / depth
Technique / equipment: trowel, bowl, spoon

Collected by: Bugg
Location: under east overhead bridge ~12ft south of XYZ bldg
Comments / physical description: very dark, possibly discolored brown to black soil sandy with a little silt & gravel

Soil / sediment #9
Time: 1345 Composite / Grab
Surface / depth ~8"
Technique / equipment: shovel, trowel, bowl, spoon

Collected by: Hall
Location: just east of west overhead bridge at top edge of bank
Comments / physical description: sandy dark brown to black soil with some silt & gravel

[signature] 9/25/90

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SAMPLING EQUIPMENT: Stainless steel trowels, bowls, spoons; one round point shovel

DECONTAMINATION PROCEDURES: All used sampling equipment was decontaminated between samples with Alconox solution and triple rinsed with commercial distilled water. Wash and rinse water were dumped out on-site with site representative's permission. Sample jars were scrubbed without submerging, triple rinsed with distilled water, and dried with paper towels. All used Tyveks, disposable bootres & gloves, duct tape, boxes, scrap paper, D.I. water bottles, etc. were bagged. Although PRP gave permission to use a dumpster on site for bagged garbage, he never indicated where it was, so the bags had to be hauled back to the warehouse.

SAMPLING PAPERWORK:

All sampling paperwork, including OTR & ITR forms, chain of custody forms, sample labels and tags, Fed. Ex. airbills, and receipts for soil samples were completed by Karacki on-site 9/25/90. Copies are in FIT site file FOH0532SA.

[signature] 9/25/90

FOH0532SA DATE: 9/25/90

SITE DESCRIPTIONS: (written in motel, evening of 9/25/90)

This site occupies most of one large city block in downtown Mansfield. Although White Consolidated owns additional property in the immediate vicinity, the work plan limited "the site" to this one block. It appeared in the field that virtually all of the other property FIT knew to belong to White Cons. is covered either by buildings or by parking lots and roadways. Finally, most of the concern shown in the PA and file information about this site deals with Rocky Fork Creek and the potential effects of the site on same.

Terrain around the site is completely flat. Rocky Fork Creek bisects the site flowing from WNW to ESE. An old railroad right-of-way borders the creek immediately along the north side, tho the tracks are gone. Just north of that is the so-called "XYZ" building (actually 3 contiguous buildings), which also fronts First Avenue on the east. This building is no longer being used, is being gutted by scavengers, and is slated for demolition. It continues north to what appears as Eclipse St. on one map. However, from First Ave. this "street" is now seen to be covered over and closed off, forming a connection to the Tappan building, another White property to the north. FIT did not look at the other end of this but presumably it extends for most of the length of the XYZ bldg. The long narrow area between the creek and the XYZ bldg. is fenced at both ends with a locked gate on the east end. The western property line north of the creek lies right alongside the west end of the XYZ bldg. FIT did not explore the seemingly vacant property in the northwest corner of the block and ownship is not known.

The SE corner of the property is a cinder covered parking lot with several parked semi trailers. FIT set up the sample van here.

[signature] 9/25/90

FOH0532SA DATE: 9/25/90

Between this parking lot and the "N" bldg. to the west is the company waste water treatment plant (WWTP). This area is completely fenced, including along the top of the creek channel. Central to the ~~build-ff~~ area is a concrete building, the head-quarters. Final preparation, storage, and shipping of the cake-like dry sludge from the plant occurs here. Just west of this bldg. is a rectangular ~~um~~ below-ground tank open at the top where waste water from plant processes is initially mixed with piped-in lime water to control the pH. From there water goes to one of two large round tanks. This is a holding tank where heavy metals are allowed to oxidize and settle to be drawn off the bottom as sludge for final drying in the building. Water from this tank is drawn off the top and sent to the clarifier in the other round tank. From there clean water is flushed into the creek through outfall 001 close to the middle of the WWTP and about 2ft above the creek. A gate in the WWTP chain link fence ~~Bard ff~~ is kept closed and is remotely controlled by the attendant from inside the WWTP bldg.

Bordering the WWTP on the west is the so-called "N" building which is still being used. The parking lot, the WWTP, and the N bldg. are bordered on the south by East 5th St. South of 5th St. are additional buildings and property belonging to White. Along the west side of the N bldg. is a row of six tall round white tanks in which polypropylene pellets are stored. The western property line runs N-S just west of these tanks. Between that and Wayne St. are two small one-story off-site buildings and parking areas.

From the SW corner of the Z part of the XYZ bldg. to an off-site bldg. south of 5th St. runs an old overhead bridge that houses conveyors. This has not been used for some time. Another of these bridges runs from the SW corner of the X part of the XYZ bldg. to the NE corner of the N bldg.

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Rocky Fork Creek is on the order of 50ft. across and nowhere much more than about a foot deep. The water is fairly clear, there is very little artificial debris in it between the upstream property line and the First Ave. bridge. The creek bed appears to consist solely of sand and gravel with hardly any finer sediment, and there is no algae or any other visible life in the creek. The

FOH0532SA DATE: 9/25/90

SITE PHOTOGRAPHS:

FRAME	DIRECTION	TIME	LOCATION/SUBJECT
1,2	W	1230	S2 under 1st Ave bridge; closeup, perspective
3,4 (used wrong placard) ff 9/25/90			XYZ bldg in background
5,6	S	1300	S7 1/2 way down slope from corner "N bldg" close., persp.,
9,10 (used wrong placard) ff 9/25/90			"N bldg." in "background"
7,8	S	1230	S6 on bank just outside from WWTP close., persp.
11,12	W	1330	S8 - 12ft south of XYZ bldg. under overhead bridge, close., persp.
			West bridge in background
13	SSW	1335	WWTP, outfall in foreground
14,15	E	1345	S9 closeup, perspective; east overhead bridge in bkgrnd
16,17	E	1400	S3 closeup, persp.
18,19	E	1445	S4 closeup, persp.
20	N	1455	XYZ bldg. along First Ave.
21	W	1455	XYZ bldg & overheads from First Ave bridge
22	W	1455	upstream on creek from First Ave. bridge, locking fence
			and XYZ bldg on right - note concrete sewer line along
			south bank
23	NW	1500	WWTP from parking lot at corner of 1st Ave & 5th St.
roll 2			
1	W	1510	View along 5th St, fence & gate of WWTP on right
2,3	W	1520	S5, closeup, perspective
4	E	1530	West end of plant polypropyl. tanks - parking lot belongs
			to Superior Brass Mfg Co just west of Mans. Prod.
5	NNE	1535	same tanks along west prop. line
6,7	W	1630	S1 closeup, perspective (background soil)
8 ↓	—	~1710	cooler pictures

[signature] 9/25/90

FOH0532SA DATE: 9/25/90

SITE SKETCH: See plot plan, provided by site reps, in site file

FOH05325A DATE: 9/25/90

JAMES L. CALHOUN

VICE PRESIDENT
REGULATORY AFFAIRS
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