

667SERBSF10,638

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Site Name (Subject): SPARTA INDUSTRIES - NEW PLANT

Site ID (Document ID): NCD003466505

Document Name (DocType): Correspondence (C)

Report Segment:
Description: General Correspondence

Date of Document: 11/7/2000

Date Received:

Box: *Enter SF and # with no spaces* SF10,638

Access Level: PUBLIC

Division: WASTE MANAGEMENT

Section: SUPERFUND

Program (Document Group): SERB (SERB)

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SPARTA INDUSTRIES—NEW PLANT

NCN 003 466 505

Folders

1. General Correspondence file, 1994—2002

Bound Reports

1. Abbreviated Preliminary Assessment: February 2002



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Site Information

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Site Name: SPARTA INDUSTRIES-NEW PLANT
Street: 1731 US HWY 21 SOUTH
City / State / ZIP: SPARTA, NC

NPL Status: Not on the NPL
Non-NPL Status: NFRAP

EPA ID: NCD003466505
EPA Region: 04
County: ALLEGHANY

Federal Facility Flag: Not a Federal Facility

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Title	Name	Phone Number
Remedial Project Manager (RPM)	KEN LUCAS	(404) 562-8953
Site Assessment Manager (SAM)	Jennifer Wendel	(404) 562-8799

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<u>OU</u>	<u>Action Name</u>	<u>Qualifier</u>	<u>Lead</u>	<u>Actual Start</u>	<u>Actual Completion</u>
00	DISCOVERY		F		12/13/2000
00	PRELIMINARY ASSESSMENT	N	S		02/25/2002
00	ARCHIVE SITE		EP		03/27/2002

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NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF WASTE MANAGEMENT

November 7, 2000



JAMES B. HUNT JR.
GOVERNOR

BILL HOLMAN
SECRETARY

WILLIAM L. MEYER
DIRECTOR

Ms. Jennifer Wendel
NC Site Management Section
US EPA Region IV Waste Division
61 Forsyth Street, 11th Floor
Atlanta, GA 30303

Subject: Pre-CERCLIS Site Screening
Sparta Industries: New Plant
1731 US Highway 21 South
Sparta, Alleghany County, NC

Dear Ms. Wendel,

Please add Sparta Industries: New Plant ("the Site") to the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS). Situated along US Hwy 21 South and within the town limits of Sparta, it's corresponding geographic coordinates are latitude 36°29'19" and longitude 81°06'24" (Reference 1).

Site Description.

The Site, which serves as a manufacturing facility for laminated wood products, resides in an industrial-commercial section of the town. Of specific concern to NCDENR is an isolated dry well on the northwest corner of the property. It is here, according to file documents (Reference 2), dumping of an unspecified amount of residual dye/coatings took place unchecked for almost eight years.

While the town manager (Reference 3) confirmed all businesses in the region as being connected to municipal water, he did mention the presence of multiple residential dwellings within ½ mile radius of the Site. As these homes are outside the incorporated area, they rely on individual water-supply wells for potable water.

Preliminary Findings.

In November, 1994, the consultant hired by Sparta Industries undertook a limited subsurface assessment in the area around the dry well.



1646 MAIL SERVICE CENTER, RALEIGH, NORTH CAROLINA 27699-1646
401 OBERLIN ROAD, SUITE 150, RALEIGH, NC 27605
PHONE 919-733-4996 FAX 919-715-3605

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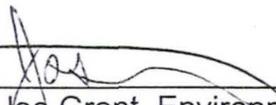
Corresponding analytical results (Reference 4) confirmed the presence of multiple metals (Cr; 540µg/L, Cu; 480µg/L, Ni; 380µg/L, Pb; 430µg/L, and Zn 1400µg/L) and volatile organics (acetone; 870µg/L, 2-butanone; 30µg/L, 4-methyl-2-pentanone; 20µg/L, and toluene; 1µg/L) in the groundwater.

Conclusion.

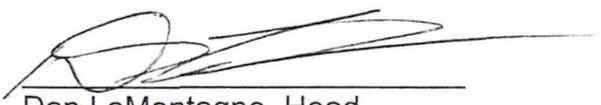
Based on analytical data establishing the presence of multiple contaminants in the surrounding groundwater combined with the proximity of residential wells, the NCDENR Superfund Section recommends that the Site be added to CERCLIS as Sparta Industries: New Plant to initiate a Combined Preliminary Assessment/Site Inspection (PA/SI).

Should you have any questions or comments regarding the enclosed, please feel free to contact me at (919) 733-2801, EXT. 297 or by e-mail at joe.g.grant@ncmail.net.

Sincerely,



Joe Grant, Environmental Engineer
Site Evaluation and Removal Branch
Superfund Section



Dan LaMontagne, Head
Site Evaluation and Removal Branch
Superfund Section

Attachments: Lat/Long Calculation Sheet (Reference 1)
 Preliminary Site Description (Reference 2)
 Memo to File (Reference 3)
 Analytical Results (Reference 4)

cc: Scott Ross
 File

cc: (letter only)
 Charlotte Jesneck

LATITUDE AND LONGITUDE CALCULATION WORKSHEET #2

LI USING ENGINEER'S SCALE (1/60)

SITE NAME: Sparta, New Plant CERCLIS #: T-B-D
 AKA: n/a SSID: n/a
 ADDRESS: US Highway 21 South
 CITY: Sparta STATE: NC ZIP CODE:
 SITE REFERENCE POINT: End of Pier
 USGS QUAD MAP NAME: Glade Valley TOWNSHIP: N/S RANGE: E/W
 SCALE: 1 : 24,000 MAP DATE: 1983 SECTION: 1/4 1/4 1/4
 MAP DATUM 1927 1983 (CHECK ONE BOX WITH AN "X") MERIDIAN:

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 7.5' MAP (attach photocopy)

LONGITUDE: 81 ° 0 ' 00.00 " LATITUDE: 36 ° 22 ' 30.00 "

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 2.5' GRID CELL:

LONGITUDE: 81 ° 5 ' 00.00 " LATITUDE: 36 ° 27 ' 30.00 "

CALCULATIONS: LATITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM LATITUDE GRID LINE TO SITE REF POINT: 330

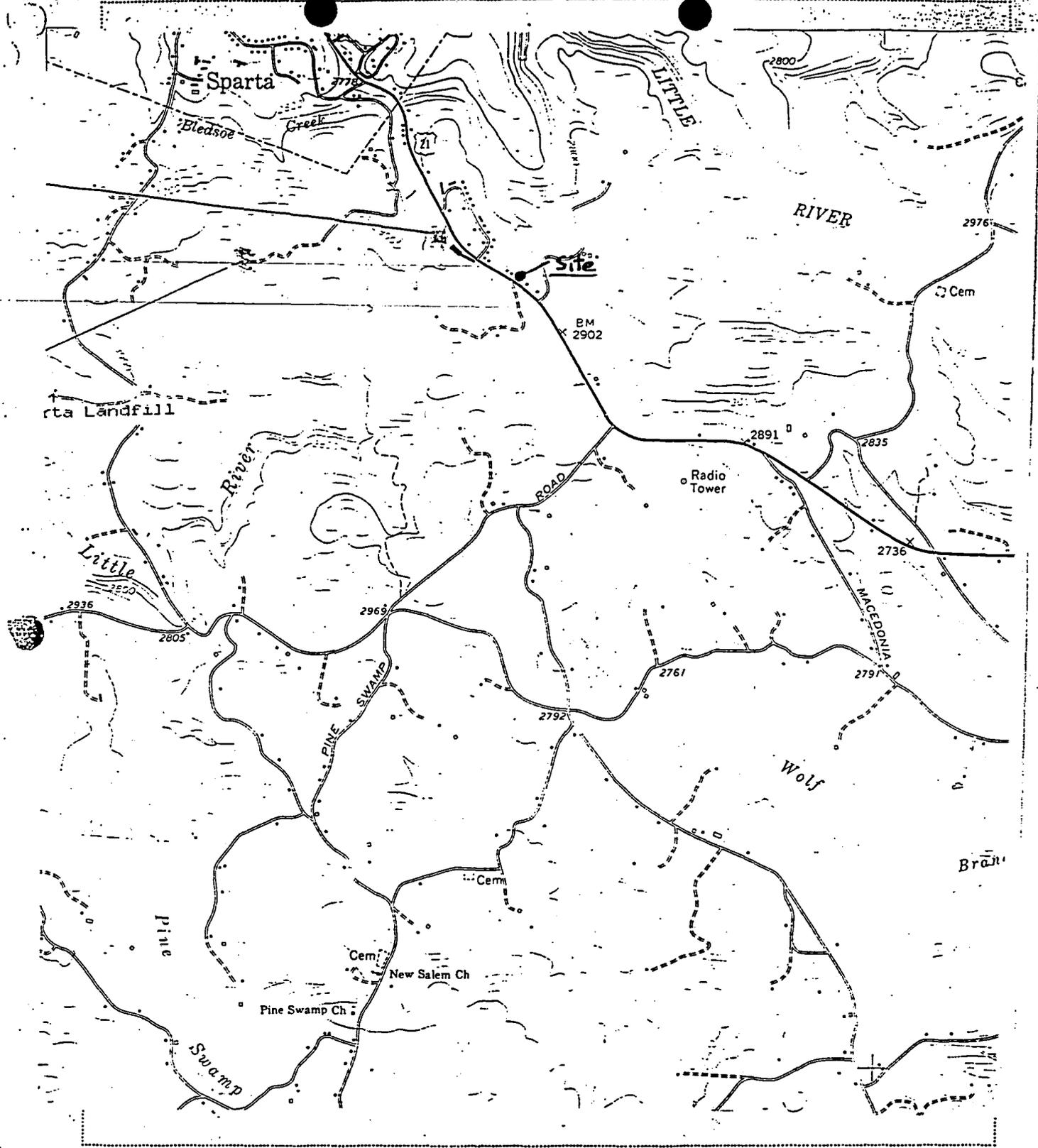
SITE LATITUDE:	36	°	29	'	19.03	"
----------------	----	---	----	---	-------	---

CALCULATIONS: LONGITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM RIGHT LONGITUDE LINE TO SITE REF POINT: 255

SITE LONGITUDE:	81	°	6	'	24.25	"
-----------------	----	---	---	---	-------	---

INVESTIGATOR: Joe Grant DATE: 11/23/00



TOPOGRAPHIC MAP QUADRANGLE NAME: Glade Valley

SCALE: 1:24,000

COORDINATES OF LOWER RIGHT-HAND CORNER OF 2.5-MINUTE GRID:

LATITUDE: 36° 29' 19" LONGITUDE: 81° 06' 24"

SPARTA INDUSTRIES, INC. (NEW PLANT)

ATTACHMENT G - KNOWN OR SUSPECTED RELEASES

1. Sparta Industries ("Sparta") commenced operation at its new facility in approximately July 1978. In connection with the construction of the facility, Sparta installed a dry well in the back of the facility. The specific dimensions of the dry well are not known. The top of the dry well was about two to three feet below ground surface. The dry well contained a perforated 55 gallon drum that was surrounded by gravel. A pipe leading from a small area of the plant where pipe stains were mixed was connected to this drum.

Small five gallon containers used for the mixing of stains were washed in a sink in the stain mixing area. The sink was connected to the dry well via the pipe noted above. The containers contained residual amounts of stain, which generally is and was a mixture of dry powder, methanol, and small amounts of ethylene glycol. Small quantities of methanol (approximately a quart) were used to wash the containers. Sparta would wash out, at most, one or two containers a day.

The use of the dry well as described above occurred from commencement of operations, in 1978, until some time between 1984 and 1986. At some point between 1984 and 1986, Sparta ceased operation of the dry well, moved the stain mixing area to a new location in the plant, and began disposing of this wash down at a facility permitted to accept hazardous waste. The barrel and certain gravels from the dry well were disposed of off-site, and the dry well was filled with clean gravel.

According to the results of sampling conducted by McLaren/Hart Environmental Engineers (report attached), no volatile organic compounds ("VOC"), with the exception of acetone, were detected in soil samples collected from two borings drilled through the former dry well (the samples were collected from two feet below the bottom of the dry well and approximately two feet above the soil/groundwater interface). The acetone detected in the laboratory samples is believed to be from laboratory procedures and not from the soils at the site. In addition, although low levels of certain VOCs were detected

in the groundwater samples taken from the site, the only VOC that was detected in a concentration above a state or federal standard was acetone, at 870 ppb (the Department of Environment, Health, and Natural Resources ("DEHNR") has established a groundwater standard of 700 ppb for acetone). McLaren/Hart believes the acetone detected in the groundwater sample is a result of laboratory procedures and is not representative of the groundwater at the site.

2. It is possible that Sparta may have also disposed of solid lacquer residue on the ground in the area of the dry well. The residue is comprised of the solids skimmed from the overspraying of lacquer on pipes and certain miscellaneous wood products. It is also possible that Sparta burned these wastes in a drum on an occasional basis. The information as to whether such activities took place is contradictory, however, and Sparta has not been able to verify whether either of these activities took place. If Sparta was engaged in either of these activities, such activities would have ceased at some point in the early to mid-1980's. Sparta has no information as to the quantity of wastes that would have been disposed of in this manner, if such disposal took place.

MEMORANDUM

Date: October 31, 2000

From: Joe Grant, SERB

To: FILE

Subject: Phone Conversation

Phone conversation today with Tom Douglas, Sparta Town Manager. He confirmed the area surrounding Sparta Industries to be primarily industrial-commercial with outlying residential dwellings (< ½ mile) on well water.

PRIORITY POLLUTANT METALS

Preparation Method: EPA 3010 {a}

Project Name: *UST-Sparta*

Project Number: 130803091001

Sample Description:

Lab Project-ID Number: 10721-12

Sample Number: *- MW-1*

Date Sampled: 11/29/94

Date Received: 11/30/94

Date Digested: 12/06/94

Batch Number: 941206-4302

Analyte (Symbol)/EPA Method	Date Analyzed	Concentration ug/L (ppb)	Reporting Limit ug/L (ppb)
Antimony (Sb)/6010	12/06/94	BRL	50
Arsenic (As)/7060	12/08/94	BRL	10
Beryllium (Be)/6010	12/06/94	60	5
Cadmium (Cd)/6010	12/06/94	BRL	10
Chromium (Cr)/6010	12/06/94	540	10
Copper (Cu)/6010	12/06/94	480	20
Lead (Pb)/7421	12/06/94	{b} 430	30
Mercury (Hg)/7470	12/03/94	BRL	0.2
Nickel (Ni)/6010	12/06/94	370	20
Selenium (Se)/7740	12/09/94	BRL	5
Silver (Ag)/6010	12/06/94	BRL	10
Thallium (Tl)/7841	12/09/94	BRL	10
Zinc (Zn)/6010	12/06/94	1400	20

Comments

The cover letter and enclosures are integral parts of this report.

a) Applies to all metals except Arsenic, Lead, Selenium, Thallium, and Mercury. EPA Method 7020 is used for Arsenic, Selenium, Lead, and Thallium digestion. EPA Method 7470 is used for Mercury digestion.

b) The sample was diluted 10 fold to bring target analyte within linear working range. Date Digested and Batch # apply to all metals except Arsenic, Selenium, and Thallium, which were digested on 12/06/94, Batch # 941206-4303; and Mercury, which was digested on 12/03/94, Batch # 941203-1104.

Approved by: *[Signature]* Date: 12/20/94



VOLATILE ORGANICS

Analytical Method: EPA 8240 - Modified {a}

Project Name: UST-Sparta
 Sample Description:
 Sample Number: MW-1
 Date Received: 11/30/94

Project Number: 130803091001
 Lab Project-ID Number: 10721-12
 Date Sampled: 11/29/94
 Date Analyzed: 12/05/94

Analyte	Concentration ug/L (ppb)	Reporting Limit ug/L (ppb)
Chloromethane	BRL	10
Methyl Chloride	BRL	10
Bromomethane	BRL	10
Ethanoethane	BRL	10
Chlorofluoromethane	BRL	10
Acetone	{d} 870	250
1,1-Dichloroethene	BRL	5
1,1-Dichloroethene	{c} 2 BRL	5
Carbon Disulfide	BRL	5
trans-1,2-Dichloroethene	BRL	5
cis-1,2-Dichloroethene	BRL	5
1,2-Dichloroethene {b}	BRL	5
Chloroform	BRL	5
1,1,2-Dichloroethane	BRL	5
Butanone	30	25
1,1,1-Trichloroethane	BRL	5
Carbon Tetrachloride	BRL	5
Benzene	BRL	5
1,1-Dichloroethene	BRL	5
1,2-Dichloropropane	BRL	5
1,1-Dichloroethane	BRL	5
Chloroethylvinylether	BRL	10
trans-1,3-Dichloropropene	BRL	5
cis-1,3-Dichloropropene	BRL	5
1,2-Trichloroethane	BRL	5
Bromochloromethane	BRL	5
Chloroform	BRL	5
Methyl-2-Pentanone	{c} 20	25
Heptane	{c} 1	5
Hexanone	BRL	25
1,1,1-Trichloroethene	BRL	5

