H2MGROUP
Holzmacher, McLendon & Murrell, P.C. • H2M Associates, Inc.
H2M Construction Management, Inc. • H2M Labs, Inc.

ACEC Member
Supporting Excellence
In Engineering

575 Broad Hollow Road, Melville, NY 11747-5076
(516) 756-8000 • Fax: (516) 694-4122

September 29, 1995

Mr. John Helmeset
NYSDEC
50 Wolf Road
Albany, NY 12233-7010

Re: Rite-Off, Inc.
Order on Consent Index # WI-0661-93-09
Site Code # 1-52-129
H2M No. RITE 9501

Dear Mr. Helmeset:

As you are aware, Holzmacher, McLendon & Murrell, P.C. (H2M) has conducted an Interim Remedial Measure (IRM) at the above-referenced facility. The IRM consisted of removing the liquids and/or sediments from on-site drainage structures SD-4, SD-5, SD-6, and SD-7 (see Figure 1). The IRM was conducted under New York State Department of Environmental Conservation (NYSDEC) oversight following the procedures presented in the April 20, 1995 Work Plan previously agreed to by the NYSDEC.

Approximately 10,500 gallons of storm water present in SD-4, SD-6, and SD-7 were removed with a vacuum truck and disposed of at the Suffolk County Department of Public Work's (SCDPW) Bergen Point publicly-owned treatment works. The load tickets for the disposal are attached.

The sediments present in the structures were removed with a "Vactor" truck and placed into two 20-cubic yard rolloff bins. Each of the bins was equipped with a plastic liner and kiln dust for stabilization purposes. As discussed within the work plan, SD-5 was not a storm drain but rather it was a catch basin which was piped into SD-4. The bottom sediments present in SD-5 were removed until a solid concrete base was encountered. The concrete base was visually inspected and no cracks or holes were observed.

The walls of all the four structures were cleaned with high pressure water. The bottom sediments from the three drywells (SD-4, SD-6, and SD-7) were removed with a "Vactor" truck to a depth at which the sediments were visually and olfactory unimpacted. The amounts of sediment removed from each drywell are shown in Table 1. The sediments were transported to and disposed of at the Athens-Hocking Reclamation Center located in Logan, Ohio. The disposal documentation is attached.

To document the effectiveness of the IRM, post-remediation sediment samples were collected from SD-4, SD-6, and SD-7. A sediment sample was not collected from SD-5 due to the presence of the concrete base. The soil samples were analyzed by H2M Labs for Target Compound List (TCL) Volatile Organic Compounds (VOCs) and TCL Semi-Volatile Organic Compounds (SVOCs).

As shown on Table 2, TCL VOCs were not detected in the sediment samples collected from SD-4, SD-6, and SD-7. The 126 micrograms per kilogram (ug/kg) TCL VOC tentatively identified compounds (TICs) detected in the sediment sample collected from SD-7 were well below the 10,000 ug/kg Total VOCs NYSDEC Recommended Soil Cleanup Objective (RSCO).

Bis-(2-ethylhexyl)phthalate, present at 140 ug/kg in all three soil samples, was the only TCL SVOC detected. The NYSDEC RSCO for this compound is 50,000 ug/kg. Additionally, bis-(2-ethylhexyl)phthalate is a common laboratory contaminant. TCL SVOC TICs were detected in the sediment samples collected from SD-4, SD-6, and SD-7 at 6,840, 1,600, and 3,160 ug/kg, respectively. These concentrations were all well below the 500,000 ug/kg Total SVOCs NYSDEC RSCO.

Based upon the analytical results and the visual/olfactory observations of the sediment, the IRM was deemed successful and remnant contamination which may have been present in the sediment from the bottoms of SD-4, SD-5, SD-6, and SD-7 have been removed and properly disposed.

Based upon the results of the IRM and the Remedial Investigation, we feel that additional remediation of the unsaturated sediments at the Rite-Off site is not warranted.

Should you have any questions, please feel free to contact me at Extension 611.

Very truly yours,

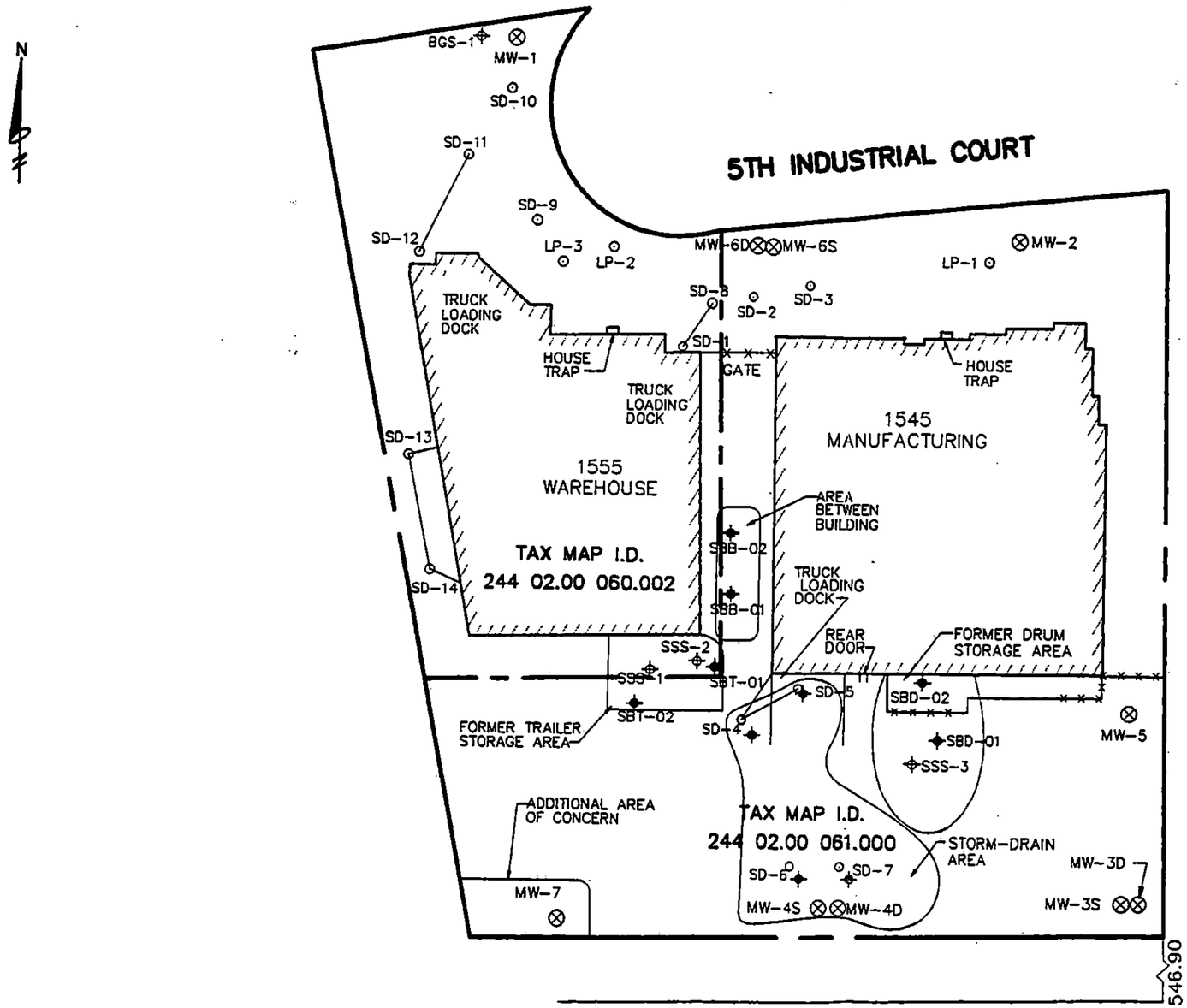
HOLZMACHER, McLENDON & MURRELL, P.C.

Richard J. Baldwin, C.P.G.
Project Manager

Attachments

cc: Robert Fardella, Esq.
Louis P. Oliva, Esq., Sr. Attorney
Mr. Howard Rapps, President
Raymond E. Cowan, NYSDEC
Chittibabu Vasudevan, NYSDEC
Director, Bureau of Environmental Exposure Investigation, NYSDOH

FIGURE 1
RITE-OFF, REMEDIAL INVESTIGATION SITE MAP WITH SAMPLING LOCATIONS



LEGEND

- ⊙ SD-5 = STORM DRAIN
- ○ LP-1 = LEACHING POOL
- ⌖ SSS-3 = SURFACE SOIL SAMPLE LOCATION
- ✦ SD-4 = SOIL BORING LOCATION
- ⊗ = MONITORING LOCATION
- \ = SUBSURFACE PIPE

60 0 30 60

SCALE: 1" = 60'

4/20/95
RITE9302_MWLJAN95.DWG

H2MGROUP ENGINEERS · ARCHITECTS · PLANNERS · SCIENTISTS · SURVEYORS
MELVILLE, N.Y. TOTOWA, N.J.

H2MGROUP

TABLE 1
RITE-OFF IRM
ESTIMATED AMOUNT OF SEDIMENT REMOVED

Leaching Structure Identification	Structure Diameter (feet)	Pre-Remediation Depth to Seds. (feet)	Post-Remediation Depth to Seds. (feet)	Amount of Seds. Removerd (feet)	Volume of Seds. Removed (cubic yards)
SD-4	8	13.2	18.0	4.8	8.9
SD-5	2	1.2	1.8	0.6	0.07
SD-6	8	15.3	19.0	3.7	6.9
SD-7	8	15.6	20.0	4.4	8.2
		Materials Totals:		**13.5**	**24.1**

H2MGROUP

ATTACHMENT

DISPOSAL DOCUMENTATION

HEREON ARE PUNISHABLE AS A CLASS A MISDEMEANOR.

DRIVER'S SIGNATURE

COUNTY OF SUFFOLK
SCAVENGER WASTE DISPOSAL

SERVICED BY	BAY #
LP	3

DISCHARGE AUTHORIZATION

SOURCE OF WASTE

NAME RISE OFF INC. ☐ RES ☑ COMM ☐ AUTH IND

ADDRESS 5TH INDUSTRIAL CT

NAME BAYSHORE ☐ RES ☐ COMM ☐ AUTH IND

ADDRESS

NAME ☐ RES ☐ COMM ☐ AUTH IND

ADDRESS

TRUCK # 15
GALLONS 3500 355073-5

0006

FALSE STATEMENTS AND OMISSIONS MADE HEREON ARE PUNISHABLE AS A CLASS A MISDEMEANOR.

DRIVER'S SIGNATURE

111094

COUNTY OF SUFFOLK
SCAVENGER WASTE DISPOSAL

SERVICED BY	BAY #
LD	3

DISCHARGE AUTHORIZATION

SOURCE OF WASTE

NAME RISE OFF INC. ☐ RES ☑ COMM ☐ AUTH IND

ADDRESS 5TH INDUSTRIAL

NAME BAYSHORE ☐ RES ☐ COMM ☐ AUTH IND

ADDRESS

NAME ☐ RES ☐ COMM ☐ AUTH IND

ADDRESS

091 15 6 8
TRUCK # 15
GALLONS 3500 355031-52

111094

COUNTY OF SUFFOLK
SCAVENGER WASTE DISPOSAL

SERVICED BY	BAY #
[signature]	3

DISCHARGE AUTHORIZATION

0006

FALSE STATEMENTS AND OMISSIONS MADE HEREON ARE PUNISHABLE AS A CLASS A MISDEMEANOR.

[signature]
DRIVER'S SIGNATURE

SOURCE OF WASTE

NAME RISE OFF INC. ☐ RES ☑ COMM ☐ AUTH IND
ADDRESS 5TH INDUSTRIAL CT

NAME BAYSHORE ☐ RES ☐ COMM ☐ AUTH IND
ADDRESS

NAME ☐ RES ☐ COMM ☐ AUTH IND
ADDRESS

TOTAL P.07

ATHEN — HOCKING RECLAMATION :NTER

Mailing Address: Post Office Box 946 • Logan, Ohio 43138
Phone: 614-385-6019 or 385-5531

WASTE RECORD

To comply with OAC 3745-27-08(M), all relevant information must be provided

Date 7-13-95 Time In 3:09 Time Out _____

Name of Hauler HARRISON TRUCKING INC

Address _____

Telephone _____ Driver _____

License of Vehicle 95-602

Type of Waste: (circle) Residential Municipal Commercial Industrial Asbestos

Agricultural Mining Other (specity) SAND & GRAVEL

Waste: Yards _____ Tons 11.81 (attach weight slip)

Waste Generator: (if commercial or residential route, note it)

Name RITE AID

Address _____

Telephone _____ Tipping Fees _____ Cash _____ Credit ✓

SOURCE OF WASTE: **COUNTY** RAVENNA **STATE** N.Y.

COMPANY TO BILL FOR TIPPING FEES SOUTHWATER

The undersigned certifies that the material disposed of at the Athens-Hocking Reclamation Center as noted above is non-hazardous solid waste as defined by the Ohio Revised Code and Ohio Administrative Code.

If the waste material has been specifically approved for acceptance at this landfill by the submission of chemical analysis or other laboratory data, it is certified that this material conforms with the samples analyzed. If the waste material is asbestos, it is certified that the material has been properly packaged, labeled, and transported, and that the hauler will hold the landfill harmless from all claims, fines or penalties imposed upon the landfill operator for and violation of law or regulations for improper transportation, packaging, labeling or handling, prior to being put into the possession of the landfill operator.

All parties disposing of any waste at this landfill agree to fully indemnify the landfill operator for any and all claims, fines or penalties, including clean up costs, engineering fees and claims of any third parties, which may be caused, either directly or indirectly, by those parties bringing in waste materials to the landfill which are not permitted to be disposed of at this facility by limitations in any landfill permits or by the Ohio Solid Waste Laws and Regulations.

All parties disposing of any waste at the landfill or otherwise entering the premises agree to hold the landfill harmless and waive all claims for any personal injury or property damage to any vehicle or person entering the premises whether caused by an act or neglect of landfill personnel or equipment or by persons entering the landfill. This waiver will not discharge any intentional torts by landfill personnel.

_____

Landfill Representative

074379

Earthwatch
WASTE SYSTEMS, INC.

3527 Harlem Road
Buffalo, NY 14225
(716) 833-3288
Fax (716) 833-5670

6594

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT
HORWITH TRUCKS INC BOX 7 RTE. 329 NORTHAMPTON PA 18067	7-12-95	
	EWS # 2148	
TRUCK # 262	TRAILER # 305	### 95-602

CONSIGNEE:	SHIPPER
ATHENS HOCKING RECLAMATION CENTER ROUTE 33 NELSONVILLE OHIO PHONE #	RITE OFF 1545 Fifth Industrial Road Bayshore NY 117

NO. PIECES	ARTICLES OR DESCRIPTION		WEIGHT
1	Load NON HAZARDOUS SAND & GRAVEL	WEIGHT IN	67940
		WEIGHT OUT	44720
		BILLED WEIGHT	23620
			11.81

SHIPPER SIGNATURE Richard Baldwin AGENT FOR RITE-OFF PRINT NAME Richard T Baldwin

DRIVER SIGNATURE Jim Ney PRINT NAME Jim Ney

SPECIAL INSTRUCTIONS:

FOR APPROVAL:
CONSIGNEE PRINT NAME _____
CONSIGNEE SIGN HERE (NO INITIALS) _____

RECEIVED ABOVE MATERIAL IN GOOD CONDITION
FIRM AHAC DATE 7-12-95
BY _____ TIME ____ ☐ AM ____ ☐ PM ____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest.

1st Copy - Earthwatch 2nd Copy - Driver 3rd Copy - Land Fill 4th Copy Shipper

ATHENS HOCKING RECLAMATION CENTER
Location: U.S. Rt. 33 North, Nelsonville, Ohio 45764
Mailing Address:
Post Office Box 948, Logan, Ohio 43138

Number 074399 Date 7-17-95

IDENTIFICATION

WEIGHT

67340 lbs. Gross

44300 lbs. Tare

23620 lbs. Net

95 662 11.91

Commodity _____ @ _____ per lb

Remarks: _____ Driver: On ☐ Off ☐

_____ Load No. _____

_____ Weigher _____

Shipper _____

Seller
Buyer _____

Address _____

ATHENS — HOCKING RECLAMATION CENTER

Mailing Address: Post Office Box 946 • Logan, Ohio 43138
Phone: 614-385-6019 or 385-5531

WASTE RECORD

To comply with OAC 3745-27-08(M), all relevant information must be provided

Date 7-17-95 Time In 9:50 Time Out _____

Name of Hauler HORWITH TRUCKING INC

Address _____

Telephone _____ Driver _____

License of Vehicle 95-602

Type of Waste: (circle) Residential Municipal Commercial Industrial Asbestos

Agricultural Mining Other (specify) SAND & GRAVEL

Waste: Yards 10 Tons 15.01 (attach weight slip)

Waste Generator: (if commercial or residential route, note it)

Name REF OFF

Address _____

Telephone _____ Tipping Fee Cash _____ Credit ✓

SOURCE OF WASTE: COUNTY BAYSHORE STATE OHIO

COMPANY TO BILL FOR TIPPING FEES EARTHWATCH

The undersigned certifies that the material disposed of at the Athens-Hocking Reclamation Center as noted above is non-hazardous solid waste as defined by the Ohio Revised Code and Ohio Administrative Code.

If the waste material has been specifically approved for acceptance at this landfill by the submission of chemical analysis or other laboratory data, it is certified that this material conforms with the samples analyzed. If the waste material is asbestos, it is certified that the material has been properly packaged, labeled, and transported, and that the hauler will hold the landfill harmless from all claims, fines or penalties imposed upon the landfill operator for and violation of law or regulations for improper transportation, packaging, labeling or handling, prior to being put into the possession of the landfill operator.

All parties disposing of any waste at this landfill agree to fully indemnify the landfill operator for any and all claims, fines or penalties, including clean up costs, engineering fees and claims of any third parties, which may be caused, either directly or indirectly, by those parties bringing in waste materials to the landfill which are not permitted to be disposed of at this facility by limitations in any landfill permits or by the Ohio Solid Waste Laws and Regulations.

All parties disposing of any waste at the landfill or otherwise entering the premises agree to hold the landfill harmless and waive all claims for any personal injury or property damage to any vehicle or person entering the premises whether caused by an act or neglect of landfill personnel or equipment or by persons entering the landfill. This waiver will not discharge any intentional torts by landfill personnel.

John Reed

Landfill Representative

074524

Earthwatch
WASTE SYSTEMS, INC.

3527 Harlem Road
Buffalo, NY 14225
(716) 833-3288
Fax (716) 833-5670

6595

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
HORWITH TRUCKS INC. BOX 7 ROUTE 329 ~~AGGREGATE~~ NORTHAMPTON PA 18067	7-12-95		
	EWS # 2748		
TRUCK #	TRAILER #	~~AA~~ # 95-602	

CONSIGNEE:	SHIPPER
ATHENS HOCKING RECLAMATION CENTER ROUTE 33 NELSONVILLE OHIO PHONE #	RITE-OFF 1545 Fifth Industrial Court Bayshore NY 117

NO. PIECES	ARTICLES OR DESCRIPTION		WEIGHT
1	TRUCKLOAD NON HAZARDOUS SAND & GRAVEL	WEIGHT IN	76820
		WEIGHT OUT	46800
		BILLED WEIGHT	30020
			15.01

SHIPPER SIGNATURE Richard J Baldwin AGENT FOR RITE-OFF PRINT NAME Richard J Baldwin

DRIVER SIGNATURE John Rood PRINT NAME John Rood

SPECIAL INSTRUCTIONS:

FOR APPROVAL:

CONSIGNEE PRINT NAME MIKE KUNKLER

CONSIGNEE SIGN HERE (NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM ATHENS DATE 7-17-95

BY TIME ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest.

1st Copy - Earthwatch 2nd Copy - Driver 3rd Copy - Land Fill 4th Copy Shipper