

K. SINGH & ASSOCIATES, INC.

Engineers and Environmental Management Consultants

1135 Legion Drive, Elm Grove, WI 53122 (414) 821 - 1171 FAX (414) 821 - 1174

April 16, 1993

Mr. Roger Klett
Wisconsin Department of Natural Resources
4041 N. Richards Street
P.O. Box 12436
Milwaukee, WI 53212

Project # 2096

Reference: Monthly Progress Report Sanitary Landfill and Transfer
Delafield, Wisconsin

Dear Mr. Klett:

The purpose of this letter is to provide a progress report for services provided from March 1, 1993 through March 31, 1993. During this time period, we have addressed several issues, more specifically described as follows:

Project Management

<u>Scope Item</u>	<u>% Activity Complete</u>	<u>Budget Expended</u>
1. Staff Coordination	100	\$ 160.00
2. Letter to PW Owners for Sampling	100	\$ 450.00

Report Preparation

<u>Scope Item</u>	<u>% Activity Complete</u>	<u>Budget Expended</u>
1. Data Review	100	\$ 2,510.00
2. Report Review	100	\$ 260.00
3. Weekly Report	100	\$ 275.00
4. Status / Final / GW Monitoring Report	90	\$ 3,762.50
5. Base Map Preparation	100	\$ 25.00

Site Visit

<u>Scope Item</u>	<u>% Activity Complete</u>	<u>Budget Expended</u>
1. Sampling	100	\$ 987.50
2. Gas & Leachate Monitoring	100	\$ 725.00

Subcontractors' Invoices

<u>Scope Item</u>	<u>% Activity Complete</u>	<u>Budget Expended</u>
1. Cellular One	100	\$ 52.48
2. Vydral Services	100	\$ 1,320.00
3. Suburban Laboratories, Inc.	100	\$ 2,777.50
2. Midwest Petroleum	100	\$ 265.38

Equipment Usage

<u>Scope Item</u>	<u>% Activity Complete</u>	<u>Budget Expended</u>
1. Gas Meter	100	\$ 350.00
2. Sampling Equipment	100	\$ 237.50

Miscellaneous

<u>Scope Item</u>	<u>% Activity Complete</u>	<u>Budget Expended</u>
1. Clerical	100	\$ 62.50
2. Meal	100	\$ 16.34
3. Postage	----	\$ 9.23
4. Mileage	----	\$ 57.75
5. Telephone	----	\$ 52.00
6. Fax	----	\$ 6.00
7. Miscellaneous	----	\$ 10.19
Total Budget Expended		\$ 14,371.87

Mr. Roger Klett
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We believe that this documentation helps to clarify our activities at the landfill site. If you have any questions or desire clarification of the information provided herein, please call us.

Sincerely,

K. SINGH & ASSOCIATES, INC.

Pratap N. Singh
Pratap N. Singh, Ph.D., P.E.
Project Manager

cc: Ms. Marie Stewart / WDNR, Madison

Encl:
Invoice No. 2096-3-93 dated April 5, 1993

State of Wisconsin
 DEPARTMENT OF NATURAL RESOURCES
 Box 7921
 Madison, Wisconsin 53707

INVOICE FOR PROFESSIONAL SERVICES

PROJECT Sanitary Transfer and Landfill O&M, _____ REQUEST NO. _____
Delafield site (Job # 2096) PROJECT NO. SW472
 LOCATION Delafield, Waukesha Co., Wisconsin _____ CONTRACT NO. 3618

	Total Fee Due To Date	Previously Submitted	Payment Due This Invoice
If "lump sum" contract:			
Original Contract Sum _____			
Change Orders (List Separately) _____			
Total Contract To Date _____	14,371.87		14,371.87
If "hourly basis" contract:			
Maximum contract amount <u>\$296,285.00 stipulated</u>			
Change Orders (List Separately) _____			
(Attach itemized listing)			
Other Charges to contract:			
Additional Services: (Attach itemized listing) _____			
Reimbursable Expenses (Attach itemized listing) _____			
TOTALS	14,371.87		14,371.87

THIS IS TO CERTIFY THAT The Firm named herein is entitled to a payment of \$ 14,371.87

K. Singh & Associates
Firm Name

1135 Legion Dr., Elm Grove, Wisconsin 53122
Address

By Pratibha N. Singh _____
Firm Representative Date

Roger K. Bitt
Project Manager Approval

4/22/93
Date

Program Coordinator Approval

Date

K. SINGH**&****ASSOCIATES,****INC.**

1135 Legion Drive,

Elm Grove,

Wisconsin 53122,

(414) - 821 - 1171

FAX (414) - 821 - 1174

Name WDNR - Southeastern District
 Street P.O. Box 12436
 City / State / ZIP Milwaukee WI 53212
 Attention Mr. Roger Klett

Date April 5, 1993
 Project # 2096
 Invoice No. 2096-3-93

DESCRIPTION : Engineering Services
 JOB : Delafield Landfill
 AUTHORIZATION : Per written authorization of May 16, 1992
 PERIOD COVERED : March 1 - 31, 1993

Date	Details	Designation	Hour/ Qty./ Mins.	Cost/Hr. Cost/Meal Cost/Min.	Total
Project Management					
03/03/93	Staff coordination	Principal Engineer (PS)	.5	\$80.00	\$40.00
03/12/93	Data review	Principal Engineer (PS)	1	\$80.00	\$80.00
03/16/93	Staff coordination	Principal Engineer (PS)	.5	\$80.00	\$40.00
03/19/93	Review of Status Report	Project Engineer (RN)	1.5	\$50.00	\$75.00
03/22/93	Monitoring wells data review	Principal Engineer (PS)	1	\$80.00	\$80.00
03/24/93	Staff coordination	Principal Engineer (PS)	1	\$80.00	\$80.00
03/26/93	Review of weekly status report	Project Engineer (RN)	.5	\$50.00	\$25.00
03/26/93	Report review	Principal Engineer (PS)	1	\$80.00	\$80.00
<u>Subtotal for Project Management</u>					<u>\$500.00</u>
Site Visit					
03/02/93	Sampling	Field Technician (TD)	9.5	\$25.00	\$237.50
03/02/93	Sampling	Project Scientist (RS)	9.5	\$50.00	\$475.00
03/05/93	Gas & leachate monitoring	Project Scientist (RS)	3	\$50.00	\$150.00
03/05/93	Sampling 17 private wells	Project Scientist (RS)	5.5	\$50.00	\$275.00
03/11/93	Gas & leachate monitoring	Project Scientist (RS)	3.5	\$50.00	\$175.00
03/18/93	Leachate & gas monitoring	Project Scientist (RS)	4	\$50.00	\$200.00
03/25/93	Gas & leachate monitoring	Project Scientist (RS)	4	\$50.00	\$200.00
<u>Subtotal for Site Visit</u>					<u>\$1712.50</u>
Report Preparation					
03/01/93	Status Report	Project Scientist (RS)	3	\$50.00	\$150.00
03/03/93	Review leachate & gas monitoring data	Project Scientist (RS)	9	\$50.00	\$450.00
03/04/93	Letters to private well owners - sampling	Project Scientist (RS)	9	\$50.00	\$450.00
03/05/93	Weekly Report preparation	Project Scientist (RS)	1	\$50.00	\$50.00
03/08/93	Base map preparation	Staff Engineer (VS)	.5	\$50.00	\$25.00
03/08/93	Groundwater Quality Analysis	Project Scientist (RS)	3	\$50.00	\$150.00
03/08/93	Final report preparation	Principal Engineer (PS)	1.5	\$80.00	\$120.00

PAYMENT DUE UPON RECEIPT

Date	Details	Designation	Hour/ Qty./ Mins.	Cost/Hr. Cost/Meal Cost/Min.	Total
03/11/93	Groundwater Quality Report	Project Scientist (RS)	3.5	\$50.00	\$175.00
03/11/93	Weekly Status Report	Project Scientist (RS)	1.5	\$50.00	\$75.00
03/12/93	Groundwater Quality Analysis	Project Scientist (RS)	6.5	\$50.00	\$325.00
03/15/93	Evaluation & tabulation of water quality	Project Scientist (RS)	10	\$50.00	\$500.00
03/16/93	Groundwater quality data evaluation	Project Scientist (RS)	2	\$50.00	\$100.00
03/17/93	Tabulation of gas data	Project Scientist (RS)	9.5	\$50.00	\$475.00
03/19/93	Weekly Status Report	Project Scientist (RS)	2	\$50.00	\$100.00
03/19/93	Groundwater quality data tabulation	Project Scientist (RS)	7	\$50.00	\$350.00
03/22/93	Groundwater Monitoring Report	Project Scientist (RS)	10	\$50.00	\$500.00
03/23/93	Groundwater Monitoring Report	Project Scientist (RS)	9.5	\$50.00	\$475.00
03/24/93	Groundwater Monitoring Report	Project Scientist (RS)	9	\$50.00	\$450.00
03/25/93	Groundwater Monitoring Report	Project Scientist (RS)	3	\$50.00	\$150.00
03/25/93	Weekly Status Report	Project Scientist (RS)	1	\$50.00	\$50.00
03/26/93	Groundwater Monitoring Report	Project Scientist (RS)	9	\$50.00	\$450.00
03/27/93	Groundwater Monitoring Report	Project Scientist (RS)	2	\$50.00	\$100.00
03/29/93	Groundwater Quality Report	Project Scientist (RS)	6	\$50.00	\$300.00
03/29/93	Final report preparation	Principal Engineer (PS)	1	\$80.00	\$80.00
03/30/93	Groundwater Quality Report	Project Scientist (RS)	6.25	\$50.00	\$312.50
03/30/93	Report review	Principal Engineer (PS)	1	\$80.00	\$80.00
03/31/93	Groundwater Quality Report	Project Scientist (RS)	10	\$50.00	\$500.00
<u>Subtotal for Report Preparation</u>					<u>\$6942.50</u>
Clerical					
03/05/93	Miscellaneous clerical	Administrative Assistant (JF)	.5	\$25.00	\$12.50
03/08/93	Miscellaneous clerical	Administrative Assistant (JF)	.5	\$25.00	\$12.50
03/15/93	Miscellaneous clerical	Administrative Assistant (JF)	.5	\$25.00	\$12.50
03/19/93	Miscellaneous clerical	Administrative Assistant (JF)	.5	\$25.00	\$12.50
03/26/93	Miscellaneous clerical	Administrative Assistant (JF)	.5	\$25.00	\$12.50
<u>Subtotal for Clerical</u>					<u>\$62.50</u>
Equipment Usage					
03/02/93	Sampling Equipment		9.5	\$25.00	\$237.50
03/05/93	Gas Meter		3	\$25.00	\$75.00
03/11/93	Gas Meter		3	\$25.00	\$75.00
03/18/93	Gas Meter		4	\$25.00	\$100.00
03/25/93	Gas Meter		4	\$25.00	\$100.00
<u>Subtotal for Equipment Usage</u>					<u>\$587.50</u>
Meals					
03/02/93		Field Technician (TD)	1	\$4.05	\$4.05
03/02/93		Project Scientist (RS)	1	\$8.42	\$8.42
03/05/93		Project Scientist (RS)	1	\$3.87	\$3.87
<u>Subtotal for Meals</u>					<u>\$16.34</u>
Mileage					
03/02/93		Project Scientist (RS)	45	\$0.35	\$15.75
03/05/93		Project Scientist (RS)	50	\$0.35	\$17.50

PAYMENT DUE UPON RECEIPT

Date	Details	Designation	Hour/ Qty./ Mins.	Cost/Hr. Cost/Meal Cost/Min.	Total
03/11/93		Project Scientist (RS)	35	\$0.35	\$12.25
03/25/93		Project Scientist (RS)	35	\$0.35	\$12.25
		<u>Subtotal for Mileage</u>			<u>\$57.75</u>
Subcontractor's Invoices					
03/17/93	Midwest Petroleum Service Inc #6908W-01 Labor & equipment to air test tank		1.1	\$241.25	\$265.38
03/22/93	Cellularone		1.1	\$47.71	\$52.48
03/29/93	Vydrzal Services Inc. #3688 Monitor gas vent system - March 1993		1.1	\$1200.00	\$1320.00
03/30/93	Suburban Laboratories, Inc. #3768 Water samples Nitrogen/COD/Nitrate		1.1	\$1190.00	\$1309.00
03/30/93	Suburban Laboratories, Inc. #3755 Water samples BOD/Nitrogen/COD		1.1	\$1335.00	\$1468.50
		<u>Subtotal for Subcontractor's Invoices</u>			<u>\$4415.36</u>
Telephone					
03/02/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/03/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/03/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/03/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/03/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/04/93		Project Scientist (RS)	2	\$1.00	\$2.00
03/08/93		Project Scientist (RS)	2	\$1.00	\$2.00
		<u>Subtotal for Telephone</u>			<u>\$52.00</u>
FAX					
03/03/93			1	\$1.00	\$1.00
03/10/93			1	\$1.00	\$1.00
03/18/93			1	\$1.00	\$1.00
03/22/93			1	\$1.00	\$1.00

PAYMENT DUE UPON RECEIPT

Date	Details	Designation	Hour/ Qty./ Mins.	Cost/Hr. Cost/Meal Cost/Min.	Total
03/24/93			1	\$1.00	\$1.00
03/31/93			1	\$1.00	\$1.00
		<u>Subtotal for FAX</u>			<u>\$6.00</u>
	Postage				
03/05/93			2	\$1.90	\$3.80
03/05/93			1	\$0.52	\$0.52
03/08/93			2	\$0.29	\$0.58
03/08/93			1	\$2.13	\$2.13
03/08/93			1	\$0.75	\$0.75
03/15/93			2	\$0.29	\$0.58
03/19/93			2	\$0.29	\$0.58
03/26/93			1	\$0.29	\$0.29
		<u>Subtotal for Postage</u>			<u>\$9.23</u>
	Miscellaneous Expenses				
03/02/93	Field supplies - distilled water		1	\$10.19	\$10.19
		<u>Subtotal for Miscellaneous Expenses</u>			<u>\$10.19</u>

AMOUNT DUE \$14371.87

Em Haapriicaii (Per)
 Kamala Singh
 President

PAYMENT DUE UPON RECEIPT