

K. SINGH & ASSOCIATES, INC.

Engineers and Environmental Management Consultants

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

February 9, 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 January 1, 1993 through January 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. Subcontractor Coordination	100	\$ 300.00
2. Coordination for Sampling	100	\$ 80.00
3. Regulatory Coordination	100	\$ 80.00
4. Blower Budget Preparation	90	\$ 167.50

Report Preparation

<u>Scope Item</u>	<u>% Activity Complete</u>	<u>% Budget Expended</u>
1. Operations Manual	100	\$ 3,225.00
2. Gas Monitoring Test Results	100	\$ 225.00
3. GW Quality Data Tabulation	100	\$ 75.00
4. Fence & Manhole Proposals	90	\$ 525.00
5. Status Report	100	\$ 182.50
6. Weekly Report	100	\$ 475.00
7. Evaluation of Data & Letter	100	\$ 325.00

RECEIVED

FEB 10 1993

D.N.R. SED Hqtrs.
Milwaukee WI

Site Visist

<u>Scope Item</u>	<u>% Activity Complete</u>	<u>% Budget Expended</u>
1. Reprogram On-site Controller	100	\$ 225.00
2. Gas & Leachate Monitoring	100	\$ 250.00
3. Weekly Gas Monitoring	100	\$ 475.00
4. Pump Maintenance	100	\$ 60.00

Subcontractors' Invoices

<u>Scope Item</u>	<u>% Activity Complete</u>	<u>% Budget Expended</u>
1. Suburban Laboratories, Inc.	100	\$ 2,464.00
2. Exploration Technology, Inc.	100	\$ 490.91
3. Miller Electric Services	100	\$ 211.75
4. Cellular One	100	\$ 113.76
5. Uttech Land Surveying	100	\$ 2,750.00
6. Vydrzal Services	100	\$ 1,562.00

Equipment Usage

<u>Scope Item</u>	<u>% Activity Complete</u>	<u>% Budget Expended</u>
1. Gas Meter	100	\$ 250.00

Miscellaneous

<u>Scope Item</u>	<u>% Activity Complete</u>	<u>% Budget Expended</u>
1. Clerical	100	\$ 137.50
2. Meals	----	\$ 3.14
3. Postage	----	\$ 12.53
4. Mileage	----	\$ 49.35
5. Telephone	----	\$ 44.00

Mr. Roger Klett
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Miscellaneous

<u>Scope Item</u>	<u>% Activity Complete</u>	<u>% Budget Expended</u>
6. Fax	----	\$ 13.00
7. Lock for Panel	----	\$ 4.98
8. Film Developing	----	\$ 7.79
9. Vellum	----	\$ 9.45
10. Photo Copies	----	\$ 12.00
Total Budget Expended		\$ 14,806.16

The activities concerning groundwater quality evaluation and analytical testing for December 1992 are included in this invoice.

We need to gather an additional data for the previous groundwater quality test results from WDNR, Madison. When all data are available, we will evaluate and submit a report on Groundwater Quality to WDNR.

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. 2096-1-93 dated February 6, 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 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 _____	14,806.16		14,806.16
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	14,806.16		14,806.16

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

K. Singh & Associates
Firm Name

1135 Legion Dr., Elm Grove, Wisconsin 53122
Address

Project Manager Approval Date

By P. N. Singh 2/17/93
Firm Representative 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
Date: February 6, 1993
Attention: Mr. Roger Klett
Project #: 2096
Invoice No.: 2096-1-93

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

Date	Details	Designation	Hour/ Qty./ Mins.	Cost/Hr. Cost/Meal Cost/Min.	Total
Project Management					
01/06/93	Coordinating automatic valve repairs	Project Engineer (RN)	1.5	\$50.00	\$75.00
01/06/93	Coordination for sampling	Principal Engineer (PS)	1	\$80.00	\$80.00
01/12/93	Regulatory coordination	Principal Engineer (PS)	.5	\$80.00	\$40.00
01/14/93	Blower budget preparation	Principal Engineer (PS)	.5	\$80.00	\$40.00
01/15/93	Budget preparation for blower	Principal Engineer (PS)	.5	\$80.00	\$40.00
01/19/93	Report preparation	Principal Engineer (PS)	1.5	\$80.00	\$120.00
01/21/93	Prepare proposal for damaged blower	Project Engineer (RN)	.75	\$50.00	\$37.50
01/22/93	Replace damaged blower proposal	Project Engineer (RN)	1	\$50.00	\$50.00
<u>Subtotal for Project Management</u>					<u>\$482.50</u>
Report Preparation					
01/04/93	Gas Tests Results	Project Scientist (RS)	4.5	\$50.00	\$225.00
01/13/93	Proposal for fence & manhole modifications	Project Engineer (RN)	1	\$50.00	\$50.00
01/14/93	Proposal preparation for fence & overhang	Project Engineer (RN)	4	\$50.00	\$200.00
01/15/93	Proposal preparation for fence & overhang	Project Engineer (RN)	5.5	\$50.00	\$275.00
01/15/93	Status Report	Project Engineer (RN)	1.25	\$50.00	\$62.50
01/18/93	Operation Manual	Project Scientist (RS)	9.5	\$50.00	\$475.00
01/19/93	Operation Manual	Project Scientist (RS)	5	\$50.00	\$250.00
01/20/93	Operation Manual	Project Scientist (RS)	4	\$50.00	\$200.00
01/20/93	Operation & Maintenance Manual	Principal Engineer (PS)	2.5	\$80.00	\$200.00
01/21/93	Operation Manual	Project Scientist (RS)	2	\$50.00	\$100.00
01/21/93	Weekly report preparation	Project Scientist (RS)	1.5	\$50.00	\$75.00
01/21/93	Manual preparation & status report	Principal Engineer (PS)	1	\$80.00	\$80.00
01/22/93	Operation Manual	Project Scientist (RS)	6	\$50.00	\$300.00
01/22/93	Status Report & Surveying coordination	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
01/26/93	Groundwater Quality data tabulation	Project Scientist (RS)	1.5	\$50.00	\$75.00
01/27/93	Evaluation of data & letter	Project Scientist (RS)	2.5	\$50.00	\$125.00
01/28/93	Weekly report	Project Scientist (RS)	4	\$50.00	\$200.00
01/29/93	Evaluation of site survey map & letter	Project Scientist (RS)	4	\$50.00	\$200.00
Subtotal for Report Preparation					\$3212.50
Subcontractor Coordination					
01/13/93	Estimates for fence & manhole modifications	Project Engineer (RN)	4	\$50.00	\$200.00
01/19/93	Coordination with electrician for repair	Project Engineer (RN)	.5	\$50.00	\$25.00
Subtotal for Subcontractor Coordination					\$225.00
Regulatory Coordination					
01/04/93	Staff & WDNR coordination	Principal Engineer (PS)	.5	\$80.00	\$40.00
01/18/93	Response to WDNR & report modification	Project Engineer (RN)	8	\$50.00	\$400.00
01/19/93	Response to WDNR & report modification	Project Engineer (RN)	7	\$50.00	\$350.00
01/20/93	Response to WDNR & report modification	Project Engineer (RN)	8.5	\$50.00	\$425.00
01/21/93	Response to WDNR & report modification	Project Engineer (RN)	1.5	\$50.00	\$75.00
01/22/93	Response to WDNR & report modification	Project Engineer (RN)	5	\$50.00	\$250.00
Subtotal for Regulatory Coordination					\$1540.00
Site Visit					
01/04/93	Re-program on-site controller	Project Engineer (RN)	4.5	\$50.00	\$225.00
01/07/93	Gas & leachate monitoring	Project Scientist (RS)	5	\$50.00	\$250.00
01/12/93	Monitoring leachate & gas systems - report	Project Scientist (RS)	4	\$50.00	\$200.00
01/13/93	Electric pump maintenance	Maintenance Technician (KN)	1.5	\$40.00	\$60.00
01/21/93	Monitoring of leachate & gas	Project Scientist (RS)	4.5	\$50.00	\$225.00
01/28/93	Weekly gas monitoring	Project Scientist (RS)	5	\$50.00	\$250.00
Subtotal for Site Visit					\$1210.00
Clerical					
01/06/93	Miscellaneous clerical	Administrative Assistant (MP)	.5	\$25.00	\$12.50
01/06/93	Miscellaneous clerical	Administrative Assistant (MP)	.5	\$25.00	\$12.50
01/06/93	Miscellaneous clerical	Administrative Assistant (MP)	.5	\$25.00	\$12.50
01/18/93	Miscellaneous clerical	Marketing Coordinator (JM)	.5	\$25.00	\$12.50
01/22/93	Collation	Marketing Coordinator (JM)	2	\$25.00	\$50.00
01/26/93	Collation	Administrative Assistant (JF)	1	\$25.00	\$25.00
01/29/93	Collation	Marketing Coordinator (JM)	.5	\$25.00	\$12.50
Subtotal for Clerical					\$137.50
Subcontractor's Invoices					
01/08/93	Suburban Laboratories, Inc. #3194 Water samples Nitrogen/COD/Iron		1.1	\$840.00	\$924.00
01/12/93	Exploration Technology Inc. #4961 Riser, screen & drum		1.1	\$446.28	\$490.91


PAYMENT DUE UPON RECEIPT

Date	Details	Designation	Hour/ Qty./ Mins.	Cost/Hr. Cost/Meal Cost/Min.	Total
01/13/93	Suburban Laboratories, Inc. #3294 Water samples Nitrogen/COD/Iron		1.1	\$560.00	\$616.00
01/15/93	Miller Electric Service #9097 Replacement of defective valve		1.1	\$115.50	\$127.05
01/18/93	Suburban Laboratories, Inc. #3345 Water samples Nitrogen/COD/Iron		1.1	\$840.00	\$924.00
01/20/93	Miller Electric Service #9103 Adjustments made to butterfly valve		1.1	\$77.00	\$84.70
01/22/93	CELLULARONE		1.1	\$103.42	\$113.76
01/28/93	Vydrzal Services Inc. #7997 Monitoring system & snow plow road		1.1	\$1420.00	\$1562.00
01/28/93	Uttech Land Surveying Field measure & topographic survey		1.1	\$2500.00	\$2750.00
<u>Subtotal for Subcontractor's Invoices</u>					<u>\$7592.42</u>
Equipment Usage					
01/21/93	Gas Meter		5	\$25.00	\$125.00
01/28/93	Digital Methane Tester		5	\$25.00	\$125.00
<u>Subtotal for Equipment Usage</u>					<u>\$250.00</u>
Meals					
01/04/93		Project Engineer (RN)	1	\$3.14	\$3.14
<u>Subtotal for Meals</u>					<u>\$3.14</u>
Mileage					
01/04/93		Project Engineer (RN)	35	\$0.35	\$12.25
01/07/93		Project Scientist (RS)	34	\$0.35	\$11.90
01/21/93		Project Scientist (RS)	37	\$0.35	\$12.95
01/28/93		Project Scientist (RS)	35	\$0.35	\$12.25
<u>Subtotal for Mileage</u>					<u>\$49.35</u>
Telephone					
01/06/93		Project Engineer (RN)	5	\$1.00	\$5.00
01/07/93		Project Scientist (RS)	2	\$1.00	\$2.00
01/11/93		Project Engineer (RN)	4	\$1.00	\$4.00
01/13/93		Project Scientist (RS)	2	\$1.00	\$2.00
01/17/93		Project Engineer (RN)	3	\$1.00	\$3.00
01/18/93		Project Engineer (RN)	2	\$1.00	\$2.00
01/18/93		Project Engineer (RN)	4	\$1.00	\$4.00
01/19/93		Project Engineer (RN)	4	\$1.00	\$4.00
01/20/93		Project Engineer (RN)	5	\$1.00	\$5.00
01/21/93		Project Engineer (RN)	5	\$1.00	\$5.00
01/22/93		Project Engineer (RN)	5	\$1.00	\$5.00
01/27/93		Project Scientist (RS)	3	\$1.00	\$3.00
<u>Subtotal for Telephone</u>					<u>\$44.00</u>
FAX					
01/11/93			1	\$1.00	\$1.00

PAYMENT DUE UPON RECEIPT

Date	Details	Designation	Hour/ Qty./ Mins.	Cost/Hr. Cost/Meal Cost/Min.	Total
01/13/93			3	\$1.00	\$3.00
01/20/93			1	\$1.00	\$1.00
01/21/93			1	\$1.00	\$1.00
01/22/93			6	\$1.00	\$6.00
01/27/93			1	\$1.00	\$1.00
<u>Subtotal for FAX</u>					<u>\$13.00</u>
Postage					
01/06/93			2	\$0.29	\$0.58
01/06/93			1	\$0.52	\$0.52
01/08/93			2	\$0.29	\$0.58
01/18/93			2	\$0.98	\$1.96
01/22/93			2	\$0.75	\$1.50
01/23/93			1	\$4.10	\$4.10
01/28/93			2	\$0.75	\$1.50
01/29/93			2	\$0.75	\$1.50
01/29/93			1	\$0.29	\$0.29
<u>Subtotal for Postage</u>					<u>\$12.53</u>
Miscellaneous Expenses					
01/04/93	Lock for panel	Project Engineer (RN)	1	\$4.98	\$4.98
01/06/93	Film developing		1	\$7.79	\$7.79
01/18/93	Engineering equipment - Vellum		1	\$9.45	\$9.45
01/26/93	Copies		300	\$0.04	\$12.00
<u>Subtotal for Miscellaneous Expenses</u>					<u>\$34.22</u>

AMOUNT DUE \$14,806.16


 Kamala Singh
 President

PAYMENT DUE UPON RECEIPT