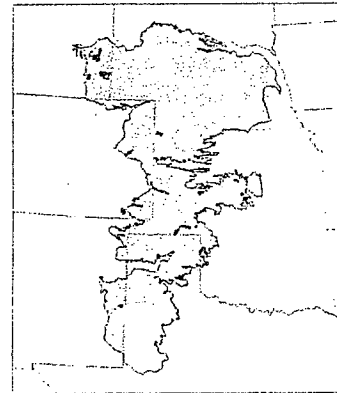


High Plains Hydrology LLC
7956 S. Shawnee St.
Aurora, CO 80016-7206
(303) 693-0299



June 2, 2008

Steve Gaul
Supervisor, Planning and Assistance Division
Nebraska Department of Natural Resources
P.O. Box 94676
Lincoln, NE 68509-4676

RECEIVED

JUN 04 2008

DEPARTMENT OF
NATURAL RESOURCES

Dear Steve:

Enclosed please find my monthly report for May, an invoice for the time and expenses for work with the Department of Natural Resource, and a spreadsheet supporting the time. If you have any questions, please give me a call. Thank you.

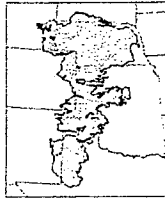
Sincerely,

Dick

Richard R. Luckey
Senior Hydrologist

High Plains Hydrology LLC

7956 S. Shawnee St.
 Aurora, CO 80016-7206
 Phone (303) 693-0299 Cell (303) 916-5973



INVOICE

INVOICE #148
 DATE: JUNE 2, 2008

TO:
 Nebraska Department of Natural Resources
 301 Centennial Mall South
 P.O. Box 94676
 Lincoln, NE 68509-4676

FOR:
 Services of Senior Groundwater Modeler

LABOR DESCRIPTION	HOURS	RATE	AMOUNT
May, 2008, Task 1-1 (see attached spreadsheet)	0.25	\$ 75.00	\$ 18.75
May, 2008, Task 1-2 (see attached spreadsheet)	74.00	75.00	5,550.00
EXPENSES DESCRIPTION	QUANTITY	UNIT PRICE	LINE TOTAL
TOTAL this Period			\$ 5,568.75
Previous balance			\$ 1,950.00
Payments received			\$ 0.00
TOTAL			\$ 7,518.75

Make all checks payable to **High Plains Hydrology LLC**
 Total due in 30 days. Overdue accounts subject to a service charge of 1% per month.

Thank you for your business!



Nebraska Department of Natural Resources

O.K. To Pay

Date 6/4/08 Invoice Date 6/21/08
M/D/Y

Contract Manager STEVE GAUL

DNR Contract No. 258/179

NIS No. _____

O.K. to Pay SG For \$5568.75
(initials)

Paid on _____ by _____
M/D/Y (name)

Amount Remaining in Account \$ _____

Return to Contract Manager

Comments:
#179 is original contract
#258 amendments
OK to pay \$5568.75
the other \$1950.00 should have
previously been paid.

Start	Stop	Hours	COHYST 1	COHYST 4	DNR 1-1	DNR 1-2	Notes
4:15 PM	5:00 PM	6.25	0.50		0.25	5.50	Monthly reports. RRCA streams for figures. Completed perennial streams. Completed important lakes.
		7.75				7.75	Worked on canals for RRCA figure. Complete surface-water features figure for report.
		7.50	1.00			6.50	RRCA streamflow changes in mound area. Previous Studies section for Steve's EMU. Reconfigure EMU to get monthly streamflows for 1895-1950.
		7.00				7.00	Updating streamflow spreadsheets. Some text to RRCA documentation.
		4.00				4.00	Streamflow comparison in mound area. Notes for Effect of Differences section.
		8.00				8.00	Effect of Differences text.
		5.75				8.00	Effect of Differences text finished. Read through of text and general fixes.
		4.00				5.75	Read through of text and general fixes. Text for COHYST 1 map. Redid RRCA T map. Redid COHYST T map.
		3.25				4.00	RRCA streams to *tab. COHYST streams to *tab. Editing RRCA and COHYST stream cells to make comparisons.
		6.00	1.00			3.25	Computing total streambed conductance by stream. Updated stream shapfiles to delete or redistribute values.
		8.50				5.00	Streambed conductances text and table. Helping Kevin with ZoneBudget.
		7.50	1.50	2.00		8.50	RRCA report Effects of Differences. Format list of figures and tables. Add page numbers to table of contents.
		6.50		6.50		4.00	Numbering figures on RRCA report. Making PDF. Copies to DVD. Mailed draft report to DNR. Got some stuff for Duane on CMU and EMU models.
		2.75		2.75			Worked on NDbyNRD comments. Call from Duane. Call from Cacek.
		7.00		7.00			NDbyNRD comments and document revision.
		8.00	8.00				NDbyNRD comments and document revision.
7:30 PM	8:00 PM	8.00	8.00				Note to Kraus.
		4.00	4.00				Organize CycleWell stuff. Building shapfile with 1 stress period injection. 1 stress period pump. Call from Doug about RRCA revision time. Found problem with database for inject 4000. Set up pump 16000 to run missing rows. Travel to Lincoln off the clock.
		4.75				4.75	COHYST Technical Committee meeting. Travel.
							Cleanup from COHYST Technical Committee. Process CycleWell results from inject 4000 and inject 16000. Restarted Pump 16000 because I could not merge databases because clipboard is too small.
							RRCA report changes. Read all comments. Worked on figures 1 and 3. Trying to work mound discussion into early part of report.
		116.50	24.00	18.25	0.25	74.00	May total and total by task number

Status Report

High Plains Hydrology LLC, Aurora, CO

Groundwater Modeling Support for the Nebraska Department of Natural Resources

Status Report, May 31, 2008

- Objectives:** 1. Provide modeling support as requested; and
2. Compare COHYST and RRCA models in area of overlap, with emphasis on the groundwater mound area.

Status:

Dick spent considerable time in May working on the comparison of the COHYST and Republican models. He worked on differences in simulated baseflows changes out of the groundwater mound area between the RRCA and COHYST models. He added text and graphs about several streams to the documentation.

Dick redid the transmissivity maps for both the RRCA and COHYST models and revised the text about transmissivity in the documentation.

Dick wrote a section of the documentation on the effects of the differences between the RRCA and COHYST models on the simulation results. This section was based on his judgment of the potential effects because changing the models and testing the effects was beyond the scope of this task.

Dick completed the report on May 16 and sent it to the Department of Natural Resources. He received comments from Doug Hallum on May 28. Doug indicated that final comments from other DNR staff would be done by June 2. By the end of the month, Dick had read all of Doug's comments and started to work on some of them.

Plans for next month:

Dick will finalize the report Comparison of Republican River Compact Administration and Cooperative Hydrology Study Groundwater Flow Model in June and send the report to DNR.

Dick will do other tasks as requested by DNR.