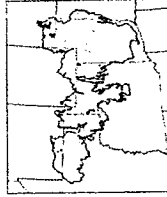


# High Plains Hydrology LLC



# INVOICE

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

INVOICE #116  
DATE: FEBRUARY 7, 2007

**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
January, 2007, Task 1-1 (see attached spreadsheet)	0.00	\$ 70.00	\$ 0.00
January, 2007, Task 1-2 (see attached spreadsheet)	0.00	70.00	0.00
EXPENSES DESCRIPTION	QUANTITY	UNIT PRICE	LINE TOTAL
<b>TOTAL this Period</b>			\$ 0.00
<b>Previous balance</b>			\$ 2,668.43
<b>Payments received</b>			\$ 2,668.43
<b>TOTAL</b>			\$ 0.00

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!**

Date	Start	Stop	Start	Stop	Start	Stop	Hours	Task 1	Task 2	Task 3	DNR 1-1	DNR 1-2	Notes
01/02/2007	8:30 AM	11:45 AM	12:15 PM	4:15 PM			7.25	7.25					All times MST. Travel to Lincoln for TC meeting. Review TC meeting notes. Meet with Jim Schneider and Doug Hallam about DNR and COHYST work.
01/03/2007	9:00 AM	11:45 AM	12:15 PM	4:45 PM			7.25	7.25					All times CST. Technical committee meeting.
01/04/2007	8:30 AM	12:00 PM	12:30 PM	3:30 PM			6.50	6.50					Meet with Duane and DNR modelers to discuss how to use DNR modelers in COHYST work. Ann Bleed here for part of meeting.
01/08/2007	7:30 AM	12:00 PM	1:15 PM	4:30 PM			7.75	7.75					Check WMU documentation against what is on web. Email Rich on web needs. Work on joint meeting agenda. Make travel arrangements. Looking at old and new gwt acres for Jim Cook. Lots of Arc cleanup on data sets to calculate gwt acres.
01/09/2007	7:15 AM	12:30 PM	1:15 PM	5:00 PM			9.00	3.50	5.50				Completed notes on gwt land in OVAEA. Phone call with Rich to discuss what went wrong. Rick only used pivots and didn't account for swi land. NPNRD shapfiles to Steve. Corrected Kearney County in New Depletions report. Remade PDF. Tested Pumplayer.exe. Updated Utilities doc. Worked on OA2FA report.
01/10/2007	7:30 AM	12:15 PM	1:00 PM	4:00 PM			7.75		7.75				OA2FA report. Modify spreadsheet template. Adding numbers to report. Worked on annual acre-feet in spreadsheet.
01/11/2007	7:45 AM	8:15 AM					1.50						OA2FA report. Got status report from Clint last night.
01/16/2007	10:00 AM	11:00 AM	3:00 PM	5:00 PM			3.00		3.00				Looking at 80% and 100% OA2FA spreadsheet. Call from Don Kraus. Studied CropSim Update report in some detail. Looking for problems in Reduced_xxx_OA simulations. Ran 80% and 100% reductions in OA.
01/17/2007	8:00 AM	12:45 PM	1:30 PM	5:00 PM			8.25		8.25				Ran 60-40-20% reduction in OA. Results to database and spreadsheet. Results wrong! Looked for error. Rebuilt recharge arrays and reran. Conference call with Kraus and Drain. Had to rebuild 040 and 000 remains. Looks okay.
01/18/2007	9:00 AM	12:30 PM	1:15 PM	5:15 PM			7.50		7.50				Looking at new runs. Rebuild purpage in OA. Fixed numbers in documentation.
01/19/2007	7:45 AM	11:00 AM					3.25		3.25				Reprocessed Remains_000_all. Redit 020, 040, 060, 080. Got OA2FA results from Clint. Looked at results. Update report for average meteorological conditions.
01/22/2007	9:00 AM	12:30 PM	1:00 PM	3:30 PM			6.00		6.00				Call to Duane about status. Decided to stop at Elm Creek. Rerunning remains_xxx_50-87.
01/24/2007	1:30 PM	5:00 PM					3.50		3.50				Call to Duane about OA2FA report. Checking results. Talking with Clint about errors.
01/25/2007	9:15 AM	1:00 PM	4:30 PM	6:30 PM			5.75		5.75				CMU results to OA2FA report. Redoing variable meteorology 020 & 000 OA. Emailed OA2FA documents to Sponsors and Technical Committee.
01/26/2007	8:30 AM	12:00 PM	5:45 PM	7:00 PM			4.75		4.75				Duane's result to OA2FA report. Redoing variable meteorology 020 & 000 OA. Emailed OA2FA documents to Sponsors and Technical Committee.
01/29/2007	10:00 AM	12:00 PM	1:45 PM	5:00 PM			5.25		5.25				In Sidney. Talked to Rod Horn about using COHYST model for SPNRD. Figure 2 of OA2FA report. Tables 1 & 2 of OA2FA report. Test adding Pumpkin Creek and Lodgepole Creek to headwaters (was already done).
01/30/2007	6:30 AM	11:45 AM	1:00 PM	4:00 PM			8.25	8.25					All times CST. Only changed travel time one way. Sidney to Kearney with Rod Horn. Joint Sponsors and Technical committee meeting.
01/31/2007	10:00 AM	10:30 AM					0.50	0.50					Call to Rich about how to handle monthly model. Decided that instead of utility, Rich can process CropSim with monthly steps. Works because only have to consider 1987 tillage practices.
							103.00	41.00	62.00				January total and total by task number