

MOHAN SETH

Statement of Work

This statement of work specifies an extension of the contribution of Dr. Mohan Seth towards continued development and use of the computer code MULTIFLO V2.0, a numerical code describing multiphase, multicomponent, non-isothermal, reactive transport. This code is more completely described in the Software Requirements Description and User's Guide.

Task 1: Pumping well capabilities in METRA. Well routines developed previously will be added to MULTIFLO V1.5.2. The resulting version will be designated V1.6 for internal testing purposes. Acceptance Tests 1-6 will be repeated and should agree with V1.5.2 results. Two additional acceptance tests that test the new well capabilities will be developed and executed. Input and output files for the new acceptance tests will be provided along with the complete V1.6 source code. Updates for the MULTIFLO Users Guide will be provided in a format compatible with Word Perfect 8 or 9. Note: Version 1.5.2 and Acceptance Tests 1-6 will be provided by CNWRA staff.

Task	Description	Hours	Charge Number: Subject Area	Completion Date
1	Add well routines to V1.5.2	40	20.06002.01.072 Code development and documentation	2-28-03