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DNMS

# ENVIROCARE OF UTAH, INC.

THE SAFE ALTERNATIVE

CD00-364

May 26, 2000

Mr. Dwight Chamberlain  
U.S. Nuclear Regulatory Commission  
REGION IV  
ATTN: Document Control Desk  
611 Ryan Plaza Dr.  
Suite 400  
Arlington, TX 76011-8064

Re: Schedule Change for Kd Study

Dear Mr. Chamberlain:

Envirocare of Utah, Inc., (Envirocare) submitted a letter to the NRC on February 24, 2000, informing the NRC that the schedule Envirocare submitted on January 7, 2000 would need to be extended. The extension was requested based on a meeting between the NRC (Mr. Thomas Essig, Mr. Harold Lefevre, and Mr. Michael Layton) and Envirocare (Mr. Ken Alkema and Mr. Dan Shrum) held on February 10, 2000. During this meeting, the NRC determined that additional study and research into distribution coefficients ( $K_d$ ) is warranted. Envirocare proposes the attached schedule for conducting a site-specific  $K_d$  study is determined. The soil and groundwater samples are at the laboratory and the study is underway. Should additional difficulties be encountered, Envirocare will notify the NRC of schedule changes.

Should you have any questions regarding this letter or need any additional details, please feel free to contact me at (801) 532-1330.

Sincerely,



Vernon Andrews  
Corporate Radiation Safety Officer

cc: Thomas Essig, Chief, Uranium Recovery and Low-Level Waste Branch  
Michael C. Layton, Hydrogeologist, Office of Nuclear Material Safety and Safeguards  
William J. Sinclair, State of Utah, DRC

I certify under penalty of law that this document and all attachments were prepared under my direct supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations.

ID	Task Name	Duration	Start	Finish	1st Quarter			2nd Quarter			3rd Quarter			4th Quarter			1st Quarter			2nd Quarter			3rd Quarter					
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep			
1	Preparation of Groundwater Instruction	26 days	Mon 1/3/00	Mon 2/7/00																								
2	Internal Draft	10 days	Mon 1/3/00	Fri 1/14/00	Dan Shrum[25%], Jeff Low																							
3	Internal Review	5 days	Mon 1/17/00	Fri 1/21/00	Dan Shrum[25%], Ken Alkema[10%], Bob Reifsnyder[20%]																							
4	Preparation of Instruction	10 days	Mon 1/24/00	Fri 2/4/00	Dan Shrum[75%], Jeff Low[25%]																							
5	Submit Instruction to NRC	1 day	Mon 2/7/00	Mon 2/7/00	2/7																							
6	Preparation of Modified Groundwater Sampling Plan	191 days	Mon 1/3/00	Mon 10/2/00																								
7	Internal Draft	20 days	Mon 1/3/00	Fri 1/28/00	Dan Shrum[25%], MW[75%]																							
8	Internal Review	5 days	Mon 1/31/00	Fri 2/4/00	Dan Shrum[25%], Ken Alkema[10%]																							
9	Meeting with NRC to discuss Project	1 day	Thu 2/10/00	Thu 2/10/00	Ken Alkema, Dan Shrum, NRC[50%]																							
10	Kd Study	83 days	Wed 3/29/00	Wed 7/26/00																								
11	Literature Search for Kd Values	20.7 days	Mon 5/22/00	Thu 6/22/00	Janet Schramke																							
12	Collect soil and groundwater samples	8 days	Wed 3/29/00	Fri 4/7/00	Jane Jensen[50%], Brian Duggan[50%]																							
13	Send samples to Lab for Kd Study	1 day	Fri 5/5/00	Fri 5/5/00	Jeff Low																							
14	Laboratory Kd Work	44 days	Mon 5/8/00	Mon 7/10/00	Barringer Laboratories																							
15	Results from Lab	1 day	Tue 7/11/00	Tue 7/11/00	Brian Duggan																							
16	Analysis of Results from Lab	10 days	Wed 7/12/00	Wed 7/26/00	Dan Shrum[50%], Janet Schramke																							
17	Preparation of Draft Plan	10 days	Thu 7/27/00	Wed 8/9/00	Dan Shrum[75%], MW[75%]																							
18	Draft to NRC	1 day	Thu 8/10/00	Thu 8/10/00	8/10																							
19	NRC Review and Comments	25 days	Fri 8/11/00	Fri 9/15/00	NRC																							
20	Meeting with NRC to discuss Draft	1 day	Mon 9/18/00	Mon 9/18/00	Ken Alkema, Dan Shrum, NRC[50%]																							
21	Preparation of Final	10 days	Mon 9/18/00	Fri 9/29/00	Dan Shrum[50%], MW[25%]																							
22	Submit Final to NRC	1 day	Mon 10/2/00	Mon 10/2/00	10/2																							
23	Preparation of Clay Mining and Excavation Plan ENG 9.1	31 days	Fri 4/28/00	Mon 6/12/00																								
24	Internal Draft	15 days	Fri 4/28/00	Thu 5/18/00	Amber Hilton[50%], Engineering Staff[25%]																							
25	Internal Review	8 days	Fri 5/19/00	Wed 5/31/00	Ken Alkema[5%], Bob Reifsnyder[5%], Shane Johanson[5%], Dave Comstock[10%]																							
26	Final Plan	5 days	Thu 6/1/00	Wed 6/7/00	Amber Hilton[25%]																							
27	Implement Plan	1 day	Mon 6/12/00	Mon 6/12/00	6/12																							

Project: NRC Compliance Schedule  
Date: Fri 5/26/00

Task		Milestone		Rolled Up Split		External Tasks	
Split		Summary		Rolled Up Milestone		Project Summary	
Progress		Rolled Up Task		Rolled Up Progress			