



Susan Crowley  
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July 7, 2005

Mr. Todd Croft  
Bureau of Corrective Actions  
Nevada Division of Environmental Protection  
1771 East Flamingo Road, Suite 121A  
Las Vegas, NV 89119

Re: 2005 AOC – Monthly Progress Report for June 2005

Dear Mr. Croft,

This monthly progress report is the third in a series to fulfill requirements laid out in the April 12, 2005 Administrative Order On Consent (2005 AOC) between the State of Nevada, Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP) and Kerr-McGee Chemical LLC (Kerr-McGee).

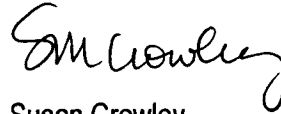
Activities in the month of June 2005 include:

1. Preliminary engineering continued on installation of a single new Fluidized Bed Reactor (FBR) to increase biological treatment plant capacity by about 25 percent and handle the new AP-5 load. After discussions with NDEP staff, the conceptual design is being modified from the previous plan where the new FBR would treat 1.2 gpm of concentrated solution from AP-5, to making the new FBR one of five primary FBRs. Each of the primary FBRs will receive a common feed including a portion of the AP-5 solution. This change will simplify process control, reducing chances for NPDES discharge permit exceedences, and will minimize additional equipment. Shaw Environmental is revising the flow sheets and associated Process and Instrumentation Drawings to reflect the change in operating philosophy. A preliminary construction schedule should be available in late July.
2. Options for treating the higher sludge volume from the bio-plant are being compared. Reviewing preliminary process design considerations, it is expected that sludge generation will increase about 35 percent (20-25% from AP-5 and the balance from the effluent clarity filter). The existing plate and frame presses can handle the higher load, but they are operator intensive. Tests of rotary presses are under way.

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If you have questions or comments on this report, please call me at (702) 651-2234 or call Keith Bailey at (405) 270-3651.

Sincerely,



Susan Crowley  
Staff Environmental Specialist

Express Mail

CC: Keith Bailey  
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