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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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October 8, 1996

TO: Folder #2

THRU: Daron Haddock, Permit Supervisor *DRH*

FROM: Robert Davidson, Soils Reclamation Specialist *RAD*

RE: Fertilizer recommendation for Slurry Pond #4, Hiawatha Mine, United States Fuel Company, ACT/007/011, Folder #2, Carbon County, Utah

The following results were obtained on 10/7/96 by telephone from Mike Watson to Daron Haddock for soil sampling on Slurry Pond #4 soiled surface. Mike Watson requested fertilizer recommendations based on soil sampling results.

	Borrow area soil surface sample	Slurry Pond soil surface sample
P (ppm)	6.86	7.56
K (ppm)	1.5	2.0
Nitrate-N (ppm)	4.62	4.08

Fertilizer recommendations were made based on the above data and dryland grain: 250 lbs/acre of 16-16-16 will provide 40 lbs/acre each for N, P<sub>2</sub>O<sub>5</sub>, and K<sub>2</sub>O. An additional 150 lbs/acre of 0-0-60 will provide 100 lbs/acre of K<sub>2</sub>O for a total of 140 lbs/acre. These values were agreed upon with Mike Watson by telephone on 10/8/96.

cc: Paul Baker  
Susan White  
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