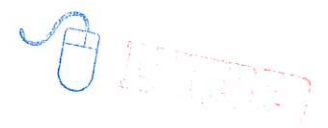




Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221



Mr. Clint Marshall
New Mexico Environment Department
Ground Water Quality Bureau
Harold Runnels Building, Room N2250
1190 St. Francis Drive
Santa Fe, NM 87501



Subject: Notice of Intent to Discharge

Dear Mr. Marshall:

The purpose of this letter is to document your verbal authorization on May 10, 2005, to discharge approximately 130,000 gallons of water from Storm Water Infiltration Control (SWIC) Pond A to Storm Water Infiltration Control Ponds 1 and/or 2.

As the result of a storm event on May 6, 2005, additional water has accumulated in SWIC Pond A. In order to facilitate resuming earth work and the installation of the synthetic liner in SWIC Pond A as required by the Discharge Permit Modification issued on December 22, 2003, the DOE requests authorization to discharge the water from SWIC Pond A to SWIC Pond 1 and/or 2.

It is estimated that there is approximately 130,000 gallons in SWIC Pond A. The SWIC Ponds 1 and 2 are lined with a 60-mil high-density polyethylene liner so the discharge will not infiltrate to the subsurface or impact groundwater. The transfer of this water will present no threat to human health or the environment.

The DOE is providing the information below to the NMED as required pursuant to 20.6.2.1201 NMAC.

- (1) Name of the person making the discharge;
Dr. Inés Triay, Acting Manager
- (2) The address of the person making the discharge;
U.S. Department of Energy
Carlsbad Field Office
P.O. Box 3090
4021 National Parks Highway
Carlsbad, NM 88221
(505) 234-7303



(3) The location of the discharge:

Name	County	Town- ship	Range	Section	Latitude	Longitude
Pond 1	Eddy	22S	31E	SW ¼ of the SE 1/4 of the Section 20	N32°, 22 Minutes, 13.6 Seconds	W103°, 47 Minutes, 39.4 Seconds
Pond 2	Eddy	22S	31E	SE ¼ of the SE 1/4 of the section 20	N32°, 22 Minutes, 13.7 Seconds	W103°, 47 Minutes, 34.3 Seconds
Pond A	Eddy	22S	31E	SE 1/4 of the SW 1/4 of the SE 1/4 of section 20	N32°, 22 Minutes, 19.9 Seconds	W103°, 47 Minutes, 51.9 Seconds

(4) An estimate of the concentration of water contaminants in the discharge (based upon April 21, 2005, results):

Parameter	Pond A Results	Pond A Results (Duplicate)
pH	8.00	7.98
Specific Gravity @ 21° C	1.003	1.003
Specific Conductance @ 25° C	1,073	1082
Bicarbonate of Alkalinity HCO ₃	112	110
Chloride (mg/l)	253	250
Divalent Cations mg/l	<1.0	<1.0
Fe (total)	0.01	0.01
Calcium (mg/l)	12.0	NA
Sulfide (mg/l)	23.0	NA
Potassium (mg/l)	2.5	NA

(5) The quantity of the discharge:

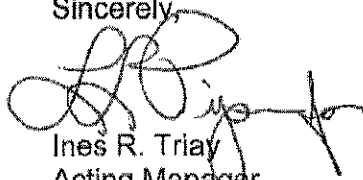
Approximately 130,000 gallons of storm water is to be discharged from SWIC Pond A to SWIC Ponds 1 and/or 2.

Mr. Clint Marshall

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If you have any questions regarding this notification, please contact Mr. Jody Plum at (505) 234-7462.

Sincerely,



Ines R. Triay
Acting Manager

cc:

M. Leavitt, NMED	*ED
J. Bearzi, NMED	ED
S. Zappe, NMED	ED
T. Klein, NMED-AIP	ED
D. Peppe, NMED-AIP	ED
CBFO M&RC	