

Monsanto

PX1527

FROM
(NAME-LOCATION-PHONE) J. N. McGuire -- E1NA -- 4-5262

DATE : September 26, 1984
SUBJECT : Nitro TCDD Remedial Work
REFERENCE : EPA Response
TO : W. J. McCarville G3WG
F. E. Kearney E3NA

The attached document is Nitro's proposal response to Walter Lee, USEPA Region 3 request for a written description of Nitro's TCDD Remedial Work plan. The plant wants to send Monsanto's response as soon as possible. Your speedy review and reply will be appreciated.


J. N. McGuire

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SUBJECT TO PROTECTIVE ORDER.

PC 7: FEL
& WJ. 11-2-84

Monsanto

POLYMER PRODUCTS COMPANY
Nitro, West Virginia 25143
Phone: (304) 755-3341

Date: 9/24/84

TRANSMITTAL PAGE

EINA

MESSAGE FOR:

J. N. MCGUIRE

TELEPHONE NUMBER:

5262

LOCATION:

EINA.

NUMBER OF PAGES BEING SENT:

4

(Excluding transmittal page)

PLEASE CALL THE ABOVE INDIVIDUAL UPON RECEIPT FOR THEIR IMMEDIATE PICKUP.

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MESSAGE FROM:

RICK BALTZ

TELEPHONE NUMBER:

365

LOCATION:

NITRO

C11957

Monsanto Company
Nitro, West Virginia

Blocks H and I include the former 2,4,5-T production areas. Portions of these blocks will be graded to promote proper drainage, and additional crushed limestone will be added as necessary to provide a suitable base for paving. Both blocks will be paved with two inches of asphalt. The gravel area inside the dike walls for two storage tanks (block I) will be paved with four inches of concrete. A six-inch-thick concrete pad will be

poured at the southeast corner of Building 41 in block H to handle truck traffic from a loading dock.

The contaminated soil will be removed from a 120 foot by 60 foot area where TCDD was detected inside the fence on the south edge of the plant. This soil will be placed in the existing subgrade containment basins formerly associated with three storage tanks. The basins are located in the portion of block I which will be paved.

The north area of the plant contained a trash incinerator when 2,4,5-T was manufactured at Nitro. An earthen dike will be constructed along the property line to contain all runoff. The area will be graded to slope toward two new catch basins. Additional crushed limestone will be provided to ensure that the entire area is covered with a minimum thickness of three inches. Due to the immobility of TCDD in the soil, crushed limestone will provide an excellent barrier for employee protection.

Equipment from the former 2,4,5-T production facilities is buried at Monsanto's wastewater treatment plant. Groundwater monitoring wells were installed around the perimeter of the disposal area in 1983. No groundwater contamination has been detected in these wells. This project will cover the area with a three-inch-thick clay cap. The area will then be covered with topsoil and seeded.

C11959

Monsanto has approved funding for this project, which is currently scheduled for execution during the 1985 construction season. A bid package will be issued in February, 1985, and a contract will be awarded in March, 1985. Construction is tentatively scheduled to begin on May 1, 1985 and is expected to be completed within three months and no later than August 31, 1985. Actual construction time is difficult to estimate because the Nitro plant is built on the site of a World War I nitrocellulose plant and subsurface obstructions are often encountered. Detailed project drawings and construction specifications for the remedial action are available upon request.

9/84

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