REV 33

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WELDON SPRING SITE REMEDIAL ACTION PROJECT
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St. Charles, MO 63303

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▸▸AUTHOR Reitinger, Julie ▸▸TO McCracken, Stephen H. ▸▸DATE 5-13-96

▸▸SUBJECT CODE/WORK PACKAGE NUMBER 6/5070

REFERENCED DOCUMENT(S)

THIS IS A RESPONSE TO COMMUNICATION: NUMBER 61631 DATED 04/22/96

ACTION ITEM TRACKING

INITIATE ACTION ITEM

INDIVIDUAL ASSIGNED TO ACTION DEPARTMENT

ACTION REQUIRED

DUE DATE / / ACTION ITEM LOG NUMBER

IF ADDITIONAL ACTION ITEMS ARE ATTACHED, HOW MANY?

CLOSE ACTION ITEM

ACTION ITEM LOG NUMBER INITIATING DOCUMENT DIN

COMPLETION DATE APPROVAL

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May 13, 1996

U.S. Department of Energy
Weldon Spring Site
Remedial Action Project
ATTN: Mr. Stephen H. McCracken
Project Manager
7295 Highway 94 South
St. Charles, MO 63304

SUBJECT: Contract No. DE-AC05-86OR21548
KATY TRAIL RADIOLOGICAL SURVEY AT SOUTHEAST DRAINAGE

REFERENCE: Letter, from Geri Kountzman to Jerry Van Fossen, *Comments on the Draft Engineering Evaluation/Cost Analysis (EE/CA) for the Proposed Removal Action at the Southeast Drainage Near the Weldon Spring Site, March 1996*, dated April 22, 1996.

Dear Mr. McCracken:

The PMC has completed a radiological scan of the KATY trail area at the lower end of the Southeast Drainage. This activity was conducted in response to the above referenced letter.

April 23 through April 25, 1996, a comprehensive gamma survey was performed of the KATY trail area at the lower portion of the Southeast Drainage, as shown on the attached figure. The survey area included the trail, the shoulder of the trail, and portions of the area between the trail and the Missouri River bank that are readily accessible to the public. The survey was conducted in accordance with the WSSRAP standard operating procedure ES&H 2.6.2, *Calibration and Use of Ludlum Model 44-10 (2 x 2 Sodium Iodide) Detector*. Meters were calibrated and instrument background readings were obtained at uncontaminated areas prior to the survey of the trail area. The walkover survey was conducted at a rate of 1 foot per second to delineate areas greater than 1.5 times background.

The results of the gamma survey found background levels ranging from 4,000 counts per minute (cpm) to 5,000 cpm on the trail and 7,000 cpm to 9,000 cpm on the shoulder and river bank area. These readings vary due to the type of surface material (rock, soils) present. No radiological readings were detected above background.

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The PMC recommends that this information be transmitted to Argonne National Laboratory for use in the final draft of the EE/CA and in response to comments from the MDNR on the EE/CA.

If you have any questions, please contact Julie Reitinger of my staff at extension 3522.

Sincerely,

James R. Powers

James R. Powers
Project Director

JRP/jr/kmp

Enclosure: as stated

cc: Pamela Thompson

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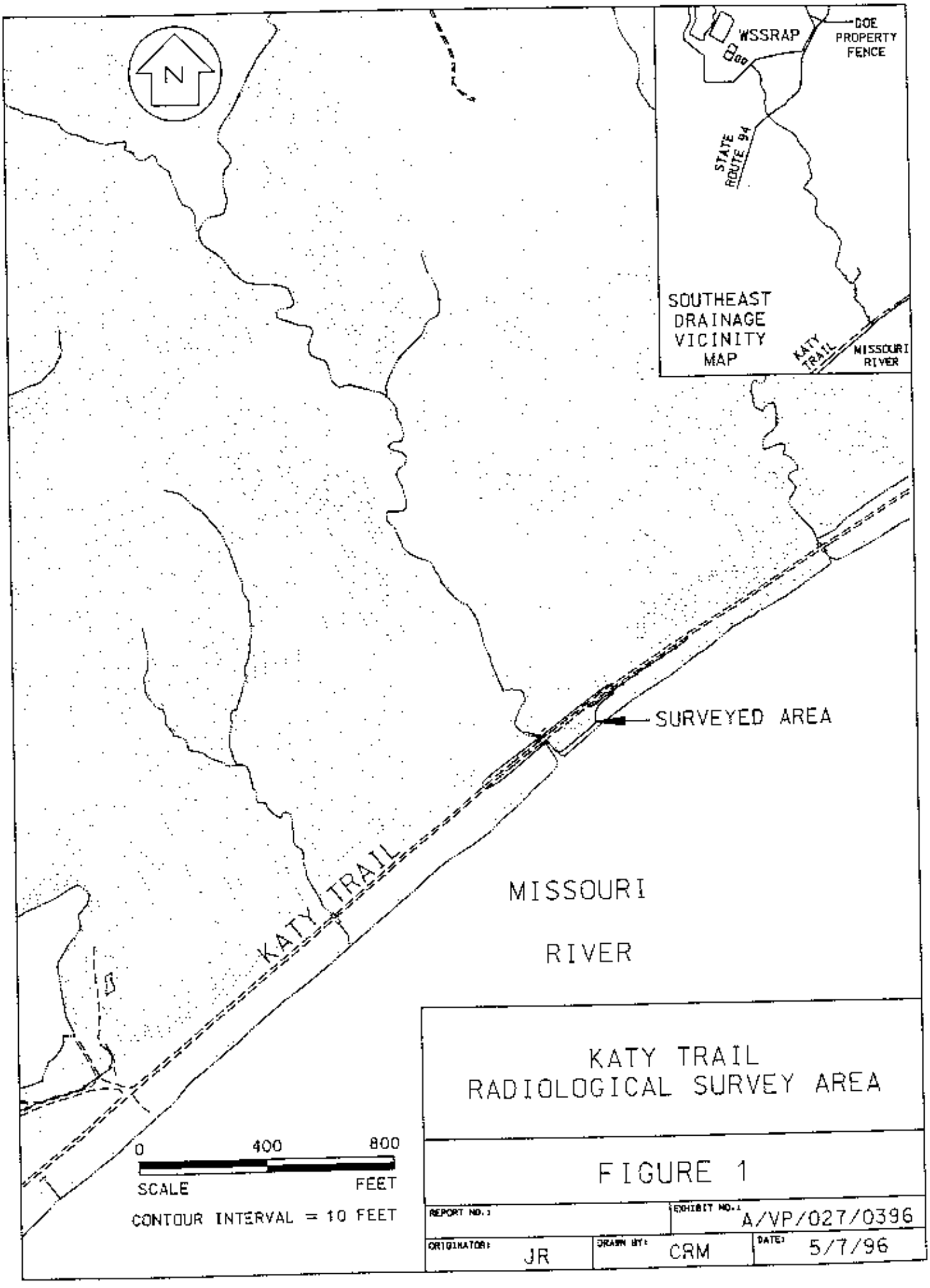

KATY TRAIL
RADIOLOGICAL SURVEY AREA

FIGURE 1

REPORT NO.:		EXHIBIT NO.: A/VP/027/0396
ORIGINATOR: JR	DRAWN BY: CRM	DATE: 5/7/96