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JAN 22 1988

North Carolina Division of  
Environmental Management  
Attn: Mr. Rick Shiver  
7225 Wrightsville Avenue  
Wilmington, North Carolina 28403-3968

RE: PROGRESS REPORT: JP-5  
RECOVERY, MCAS, NEW RIVER

Dear Mr. Shiver:

We are forwarding the December progress report for your information and review. We will provide subsequent updates upon receipt from the contractor.

For further information, please contact Mr. Bob Alexander, MCB Environmental Engineer, at (919) 451-3934.

Sincerely,

B. W. ELSTON  
Deputy Assistant Chief of Staff, Facilities  
By direction of the Commanding General

Encl:  
(1) Progress Report

Copy to:  
CMC-LFL  
→ LANTNAVFACENGCOM (Code 114)  
OO MCAS NR

*Richard Catlin & Associates, Inc.*

CONSULTING ENGINEERS AND HYDROGEOLOGISTS

RC&A

December 4, 1987

Specialized Marine, Inc.  
ATTN: Mr. Burt Lea  
P. O. Box 813  
Wrightsville Beach, NC 28480

RE: JP-5 Clean-up, MCAS  
RC&A Project #8636

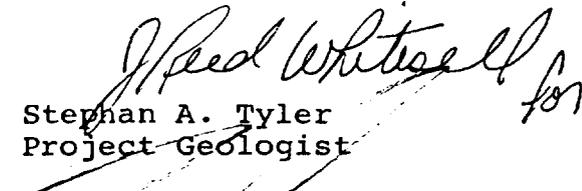
Dear Mr. Lea:

Attached is our monthly monitoring report concerning the JP-5 clean-up project near the Marine Corps Air Station in Camp Lejeune, NC. An additional copy is attached for you to forward to Mr. Rick Shiver, Division of Environmental Management, 7225 Wrightsville Avenue, Wilmington, NC 28408-3696.

Figure 1 shows a diagram of the interpolated water table contours. The estimated extent of free-floating JP-5 contamination at the site is illustrated on Figure 2. Figure 3 shows the cumulative recovery of JP-5 over time, as it is collected from the separator by J. Gonzalez, of Specialized Marine, Inc., and the United States Marine Corps fire training personnel.

If you should have any questions or requests, please do not hesitate to contact our office. We will keep you informed of any significant changes.

Sincerely,

  
Stephan A. Tyler  
Project Geologist

  
Richard G. Catlin, P.E., P.G.  
President

Enclosures

SAT/nd

MONTHLY MONITORING REPORT

12/3/87

SITE: JP-5 FUEL OIL RECOVERY, CAMP LEJEUNE, NC

RC&A PROJECT #: 8636

DATE OF LAST REPORT: 11/9/87

MONITORING INTERVAL: MONTHLY

1) WATER TABLE SURFACE

OBSERVATIONS: The surficial ground water configuration remains relatively the same as those observed in previous visits. The overall ground water elevation has risen an average of 0.23' in the past month. A well-developed cone of depression has been maintained around monitoring/recovery wells R-1 and R-2.

2) CONTAMINATION PLUME

A) OBSERVATIONS: On the 11/26/87 site visit, accumulations of free-floating product were noted in monitoring wells R-3, W-4, W-5 and W-10, and monitoring/recovery wells R-1 and R-2.

B) DISCUSSION: The level of free product noted in monitoring well W-10 has decreased since the previous site visit (10/26/87).

The pumping activity continues to induce free-floating product toward monitoring/recovery wells R-1 and R-2. Monitoring wells R-3, W-4 and W-5 had higher levels of free product than those observed last month.

3) RECOVERY PROGRESS

OBSERVATIONS: The ejector pumps operating in monitoring/recovery wells R-1 and R-2 continue to depress the surrounding water table surface and recover migrating free product.

On the last visit, 0.28' of recovered product had been collected in the separator. No recovered product was reportedly removed from the separator since the last report. To date, a total of 4,043 gallons (see Figure 3) of recovered JP-5 has been removed from the separator by J. Gonzalez of Specialized Marine, Inc., and the U. S. Marine Corps training personnel.

CALCULATED BY: SAT  
DATE: 12/4/87

CHECKED BY: JRW  
DATE: 12/4/87

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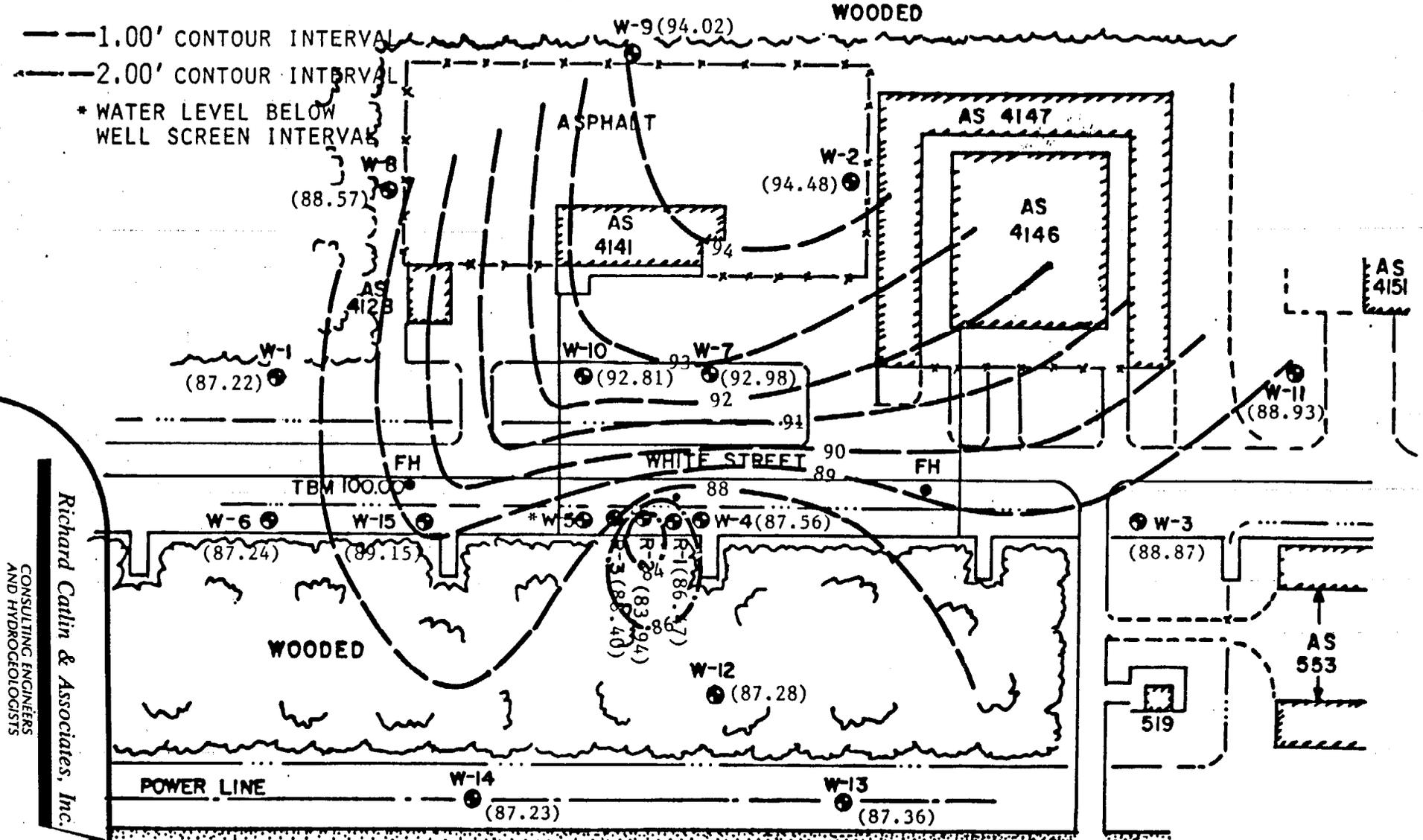
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# JP-5 CLEAN-UP MCAS

FIGURE 1

WATER TABLE CONTOURS AS OF 11/26/87



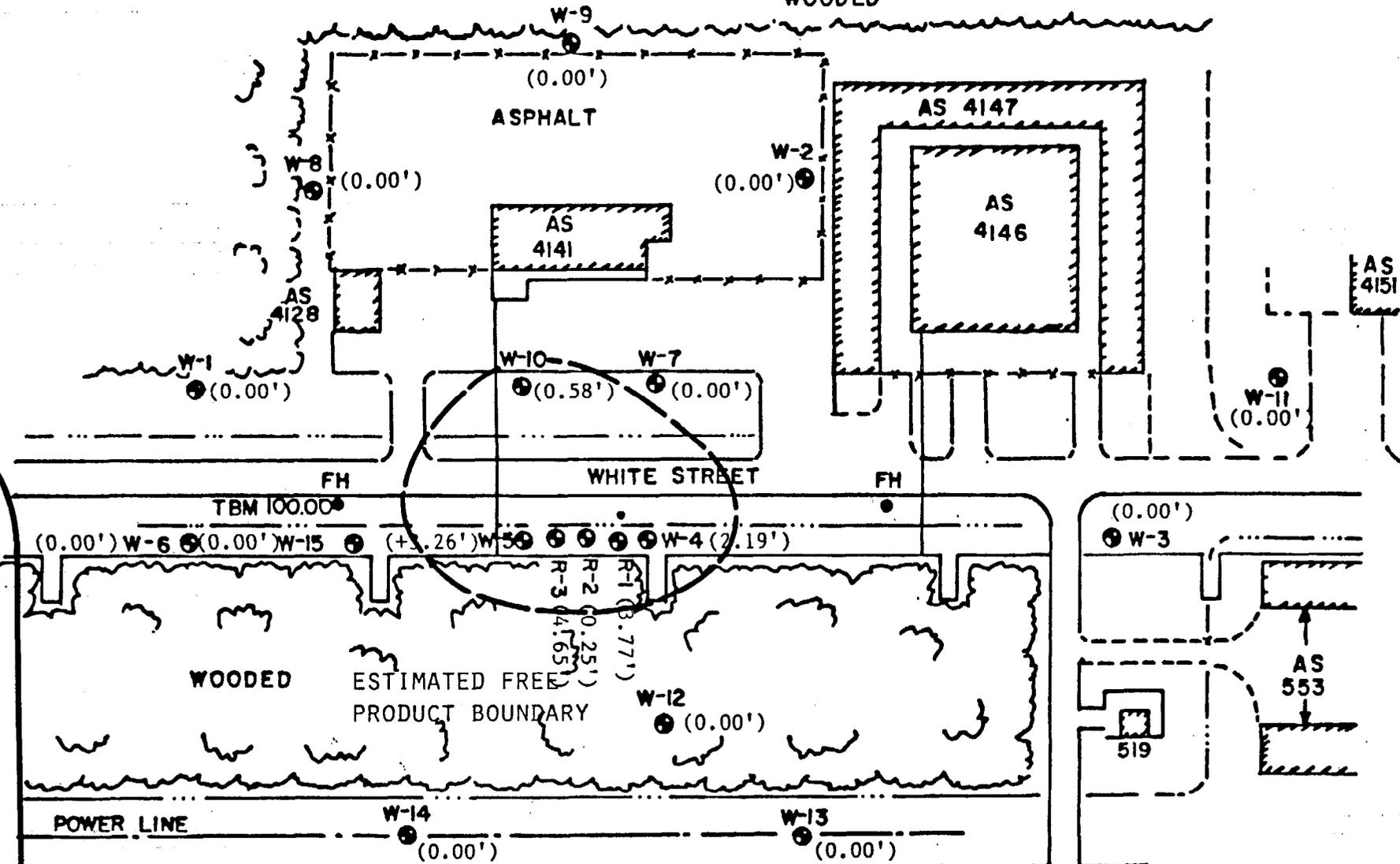
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SCALE: 1" = 100' N

# JP-5 CLEAN-UP MCAS

## FIGURE 2

ESTIMATED FREE PRODUCT PLUME BOUNDARY AS OF 11/26/87



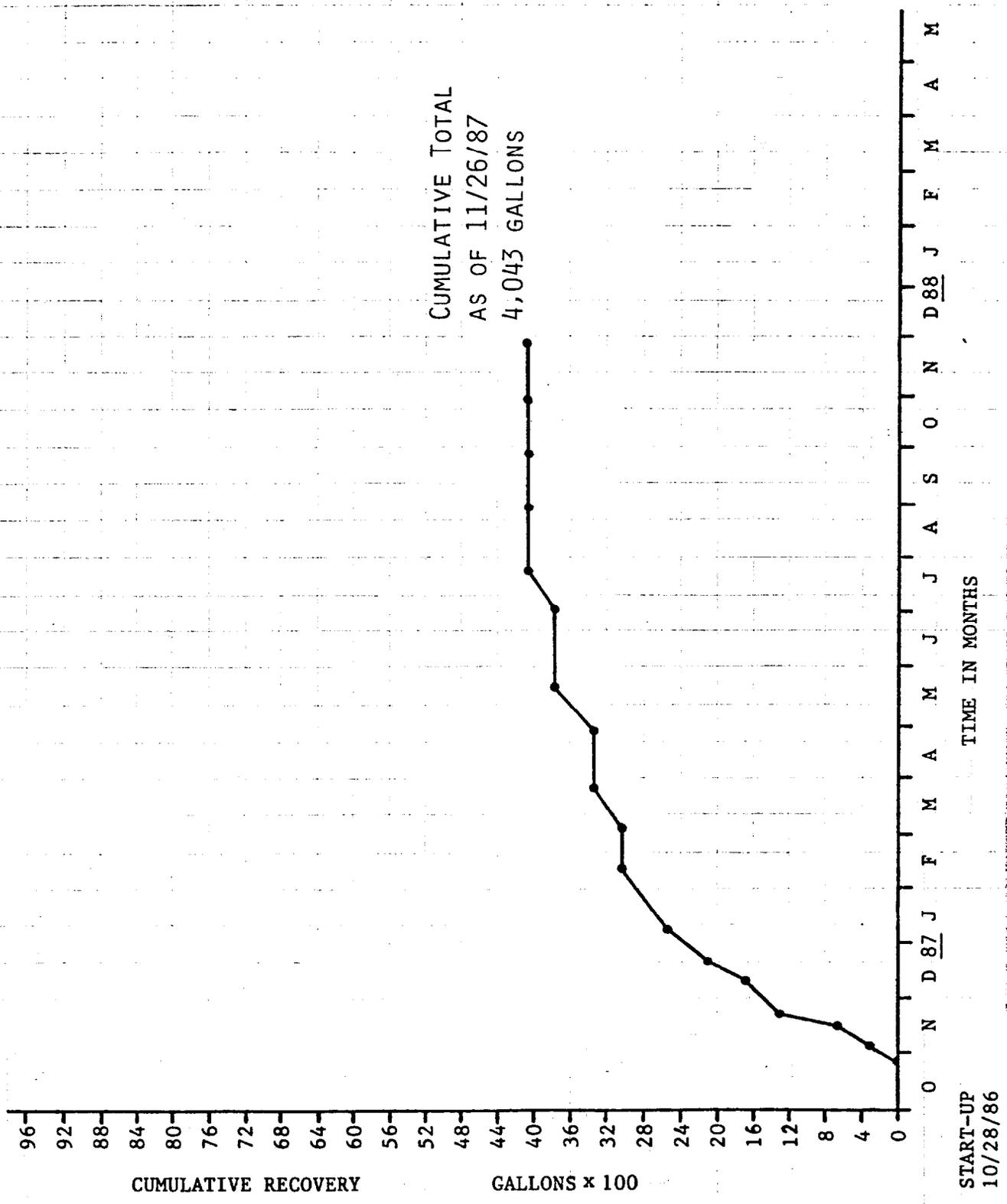
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JOB: M.C.A.S. , NEW RIVER COMPUTED BY: S.A.T. DATE: 12/4/87

DESCRIPTION: PRODUCT RECOVERY CHECKED BY: R.G.C. DATE: 12/4/87



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