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OCT 16 1987

North Carolina Division of
Environmental Management
Attn: Mr. Rick Shiver
7225 Wrightsville Avenue
Wilmington, North Carolina 28403-3969

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

Dear Mr. Shiver:

We are forwarding the October 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, NCE Environmental Engineer at (919) 451-3034.

Sincerely,

T. J. DALZELL
Colonel, U. S. Marine Corps
Assistant Chief of Staff, Facilities
By direction of the Commanding General

Encl:
(1) Progress Report

Copy to:
CNC (LFL)
→ LANTNAVFACENGCOM (Code 114)
CC MCAS NR

Richard Catlin & Associates, Inc.

CONSULTING ENGINEERS AND HYDROGEOLOGISTS

RC&A

September 30, 1987

Specialized Marine, Inc.
ATTN: Mr. Burt Lea
P. O. Box 813
Wrightsville Beach, N. C. 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, N. C. An additional copy is attached for you to forward to Mr. Rick Shiver, Division of Environmental Management, 7225 Wrightsville Avenue, Wilmington, N.C. 28403-3696.

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
Stephan A. Tyler
Project Geologist

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

Enclosures

SAT/nd

MONTHLY MONITORING REPORT

9/30/87

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

RC&A PROJECT #: 8636

DATE OF LAST REPORT: 9/3/87

MONITORING INTERVAL: MONTHLY

1) WATER TABLE SURFACE:

OBSERVATIONS: The interpolated well data indicate that the water table surface levels in the monitoring wells have risen an average of about 0.3' since the August site visit. Due to an air compressor malfunction, the multiple cones of depression usually observed at the site had been lost at the time of our visit.

2) CONTAMINATION PLUME:

A) OBSERVATIONS: On 9/24/87, measureable accumulations of free product were found in wells R-1, R-2, R-3, W-4, W-5 and W-10.

B) DISCUSSION: The free product thickness found in W-10 has increased slightly since our previous visit. The significant increases of free product noted in monitor/recovery wells R-1, R-2, R-3, W-4 and W-5 are the result of the recovery pumps being inoperative due to the compressor malfunction noted above.

3) RECOVERY PROGRESS:

OBSERVATIONS: Due to a slipped fan belt on the air compressor, which was replaced, the recovery system was inoperative at the time of this month's site visit. Ejector pumps were installed in monitor/recovery wells R-1, W-4 and W-5 during the site visit on 9/24/87. To date, a total of 4,043 gallons (see Figure 3) of recovered JP-5 has been removed from the on-site separator by J. Gonzalez of Specialized Marine, Inc., and the U.S. Marine Corps training personnel.

CALCULATED BY: SAT
DATE: 9/30/87

CHECKED BY: JRW
DATE: 9/30/87

Sheet 1 of 1

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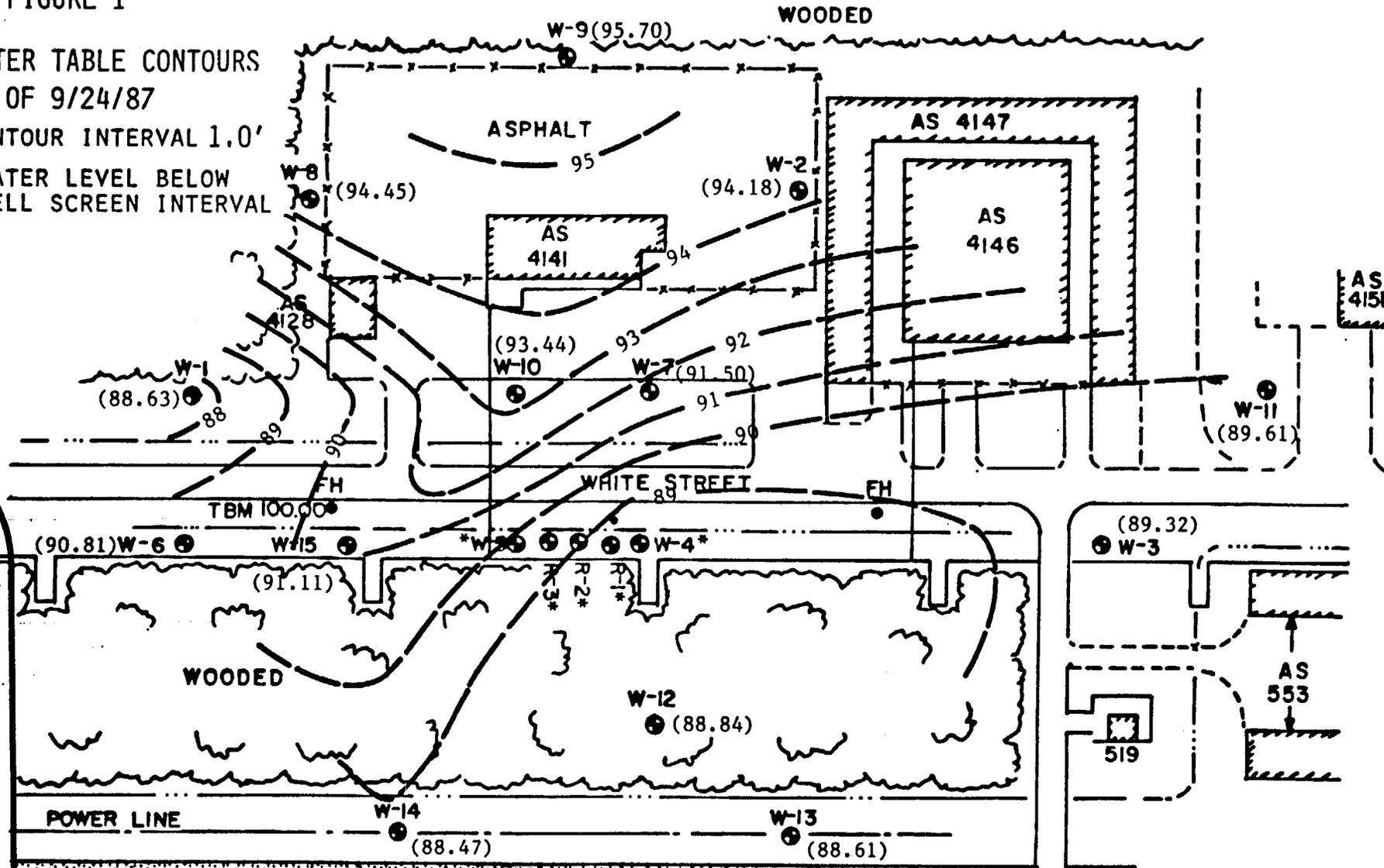
RC&A

JP-5 CLEAN-UP MCAS

FIGURE 1

WATER TABLE CONTOURS
AS OF 9/24/87
CONTOUR INTERVAL 1.0'

* WATER LEVEL BELOW
WELL SCREEN INTERVAL



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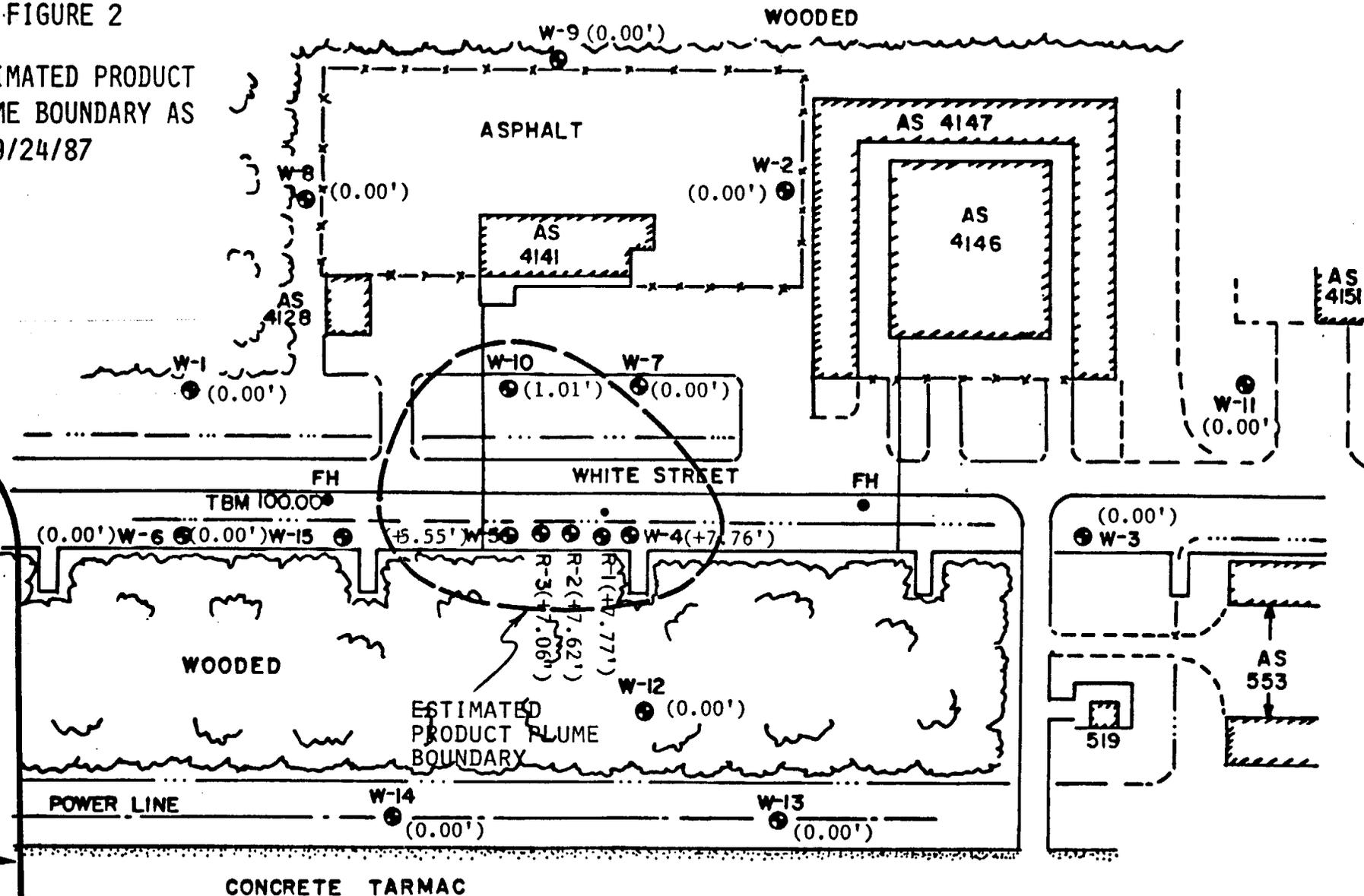
RCEA

SCALE: 1" = 100' N

JP-5 CLEAN-UP MCAS

FIGURE 2

ESTIMATED PRODUCT
PLUME BOUNDARY AS
OF 9/24/87



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SCALE: 1" = 100' N

FIGURE 3

