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LETTER REGARDING AGGRESSIVE FLUID VAPOR RECOVERY REQUEST FOR ZONE I
SITE 36/BUILDING NS 26 CNC CHARLESTON SC
7/13/2002
CH2M-JONES LLC

RECEIVED

JUL 15 2002

Water Monitoring, Assessment &
Prevention Division

July 13, 2002

Mr. Michael Bishop
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

Subject: Request for the use of Aggressive Fluid Vapor Recovery (AFVR)
at Zone I; Site 36/ Bldg NS 26, (SCDHEC No: 00944)

Mr. Bishop:

On behalf of the U.S. Navy Southern Division Naval Facilities Engineering Command, CH2M-Jones, LLC requests the use of AFVR as mentioned in the Corrective Action Plan (CAP) submitted on November 2000. To date the passive free product removal (hand bailing) has not recovered the expected amount of free product. For a detailed site history of passive free product removal, see Table I.

For a detailed outline of the AFVR activities including groundwater monitoring plan, see Section 4.0 of the November 2000 CAP.

Figure 1 presents the locations of the groundwater monitoring wells at Site 36 (00944).

If you have any questions, comments, or require additional information please do not hesitate to contact us.

Sincerely,

CH2M-Jones, LLC



Brian R. Crawford, R.E.M.
Engineer II
(843) 740-2780

enclosures

Table 1: Passive Free Product Removal

Monitoring Well	Depth to Product	Depth to water	Amount of Free product removed	Date
P01	6.68	6.77	3.5 inches	1-17-01
P03	6.36	7.13	20 inches	1-17-01
P01	6.77	6.81	0.5 inches	1-29-01
P03	6.85	7.25	7 inches	1-29-01
P01	n/a	n/a	3 inches	2-9-01
P03	n/a	n/a	1 inch	2-9-01
MW02	n/a	n/a	3 inches	2-9-01
P01	6.65	6.67	2 inches	2-15-01
P03	6.54	6.62	4 inches	2-15-01
MW02	6.44	6.55	1 inch	2-15-01
P01	Sheen		Sheen	3-5-01
P03	N/a	N/a	.25 inch	3-5-01
MW02	sheen		sheen	3-5-01
P01	none	none	none	3-26-01
P03	sheen	sheen	sheen	3-26-01
MW02	6.8	6.81	Trace/ bead	3-26-01
P01	Trace/ bead	Trace/ bead	Trace/ bead	4-12-01
P03	Trace/ bead	Trace/ bead	Trace/ bead	4-12-01
MW02	Trace/ bead	Trace/ bead	Trace/ bead	4-12-01
P01	N/a	6.46	none	4-30-02
P03	6.24	6.25	Trace/ bead	4-30-02
MW02	none	6.26	none	4-30-02
P01	none	6.87	none	6-6-01
P03	6.82	N/a	4 inches	6-6-01
MW02	none	6.58	none	6-6-01
P01	none	N/a	None	8-29-01
P03	Trace/ bead	Trace/ bead	Trace/ bead	8-29-01
MW02	Trace/ bead	Trace/ bead	Trace/ bead	8-29-01
P01	Trace/ bead	Trace/ bead	Trace/ bead	9-10-01
P03	Trace/ bead	Trace/ bead	1 inch	9-10-01
MW02	Trace/ bead	Trace/ bead	Trace/ bead	9-10-01
P01	N/a	N/a	2 inches	10-15-01
P03	N/a	N/a	1 inch	10-15-01
MW02	N/a	N/a	1 inch	10-15-01
P01	6.69	6.73	0.04	1-23-02
P03	none	5.95	none	1-23-02
MW02	6.43	6.55	1 inch	1-23-02
P01	6.68	6.79	beads	1-29-02
P03	6.58	6.80	1inch	1-29-02
MW02	6.43	6.54	.025 inch	1-29-02
P01	6.32	6.48	1.5 inch	2-18-02
P03	6.28	6.91	Beads	2-18-02
MW02	Trace/ bead	6.12	None	2-18-02
P01	Trace/ bead	N/a	3 inch	2-25-02
P03	Trace/ bead	N/a	5 inches	2-25-02
MW02	Trace/ bead	N/a	4 inches	2-25-02
P01	Trace/ bead	N/a	1 inch	3-27-02
P03	Trace/ bead	N/a	1 inch	3-27-02
MW02	Trace/ bead	N/a	2 inch	3-27-02

Monitoring Well	Depth to Product	Depth to water	Amount of Free product removed	Date
P01	Trace/ bead	N/a	1 inch	6-3-02
P03	Trace/ bead	N/a	1 inch	6-3-02
MW02	Trace/ bead	N/a	1 inch	6-3-02
P01	Trace/ bead		1 inch	7-10-02
P03	N/a	N/a	3 inches	7-10-02
MW02	Trace/ bead		1 inch	7-10-02

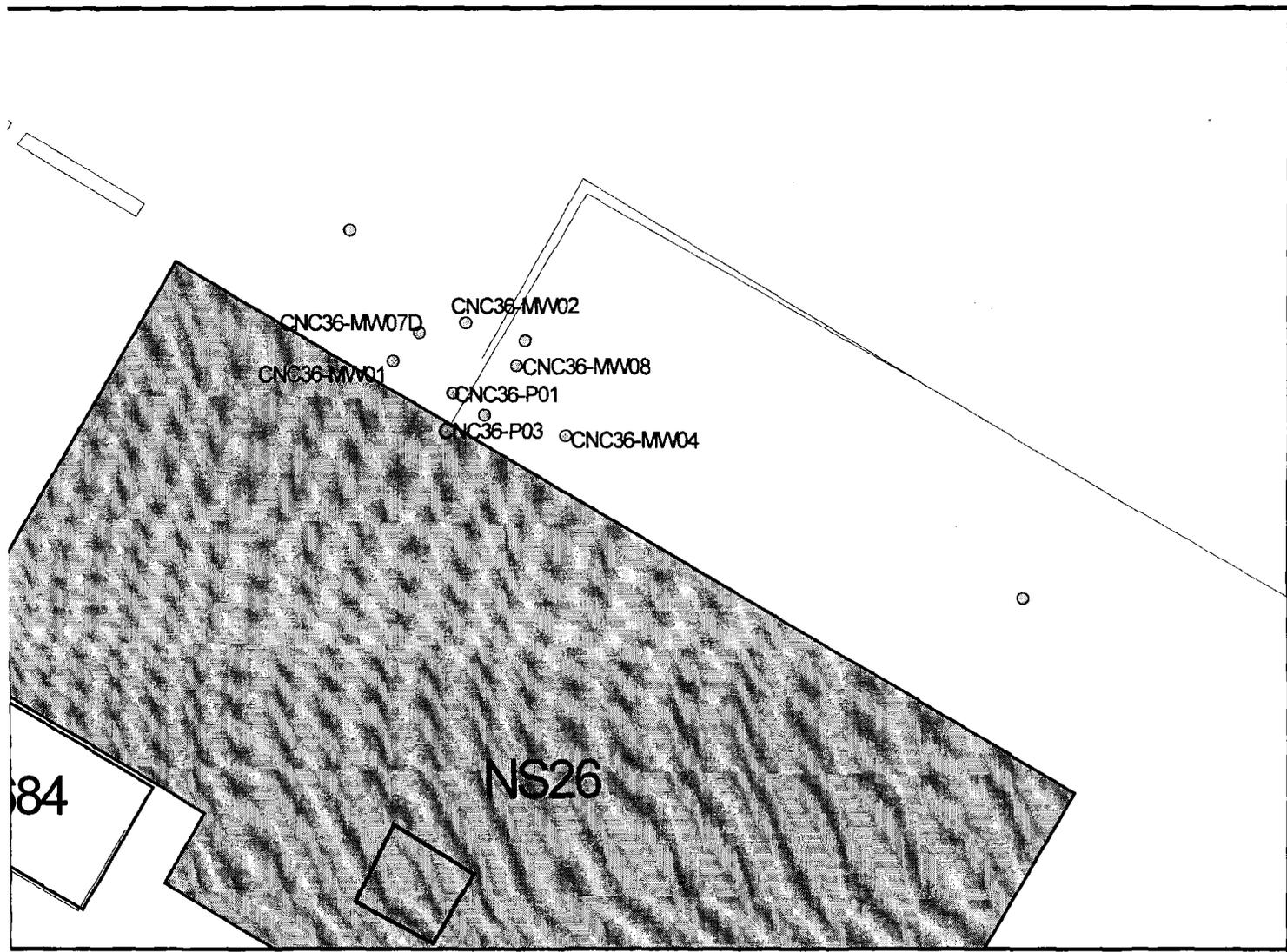


Figure 1
 Site 36
 Monitoring Wells
 Charleston Naval Complex

CH2MHILL