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INITIAL ABATEMENT MEASURES REPORT 12 JUNE DIESEL FUEL RELEASE WITH
TRANSMITTAL ALLEGANY BALLISTICS LABORATORY ROCKET CENTER WV
7/3/2001
ALLIANT MIDDLE PRODUCTS COMPANY LLC



Alliant Missile Products Company LLC Tel 304 726-5000
Allegany Ballistics Laboratory
210 State Route 956
Rocket Center, WV 26726-0210

July 3, 2001

West Virginia Department of Environmental Protection
Office of Environmental Remediation
1356 Hansford Street
Charleston, West Virginia 25301

RECD JUL 05 2001

**Reference: Allegany Ballistics Laboratory, Mineral County
Leak ID # 01-032 / WV ID # 2903782**

Subject: Initial Abatement Measures Report

Dear Ms. Pomeroy:

As required under 40 CFR 280.62 (b), Alliant Missile Products Company (AMPC) LLC is submitting this report summarizing steps taken to minimize the extent of contamination resulting from a reported release of approximately 900 gallons of diesel fuel at Allegany Ballistics Laboratory (ABL) on June 12.

On Tuesday, June 5, a construction contractor unknowingly damaged a portion of the subsurface diesel fuel piping leading from an underground storage tank to a product dispenser at ABL. (See Attached Site Diagram.) Subsequent use of the dispenser by AMPC personnel over the next week did allow for some fueling of vehicles and equipment but "problems" with the dispenser were reported.

At 11:00 AM on June 12, a WV certified UST service technician arrived at ABL and began troubleshooting the diesel fuel delivery system. At 1:00 PM, the technician detected a strong odor of diesel fuel, discovered staining on the surface, and immediately shut down the system. AMPC management was notified and a construction contractor was called in to begin excavating the site. In concurrence with the excavation, notification was made to the WVDEP Office of Water Resources Emergency Response Hotline and a review of the inventory records was conducted to determine the amount of product released.

Inventory records indicated that, from Tuesday, June 5 to morning of Tuesday, June 12, 69.2 gallons of diesel fuel were used and/or released at the facility. On June 12, an additional 853 gallon drop in the inventory occurred, most likely over the two-hour period during which the service technician operated the system.

Excavation at the release site revealed a damaged four-foot section of pipe and significant levels of free product in the surrounding soil and pipe trench. Removal of several cubic yards of contaminated material was performed and regularly scheduled pumping of free-product and contaminated groundwater from the excavation was commenced.

On Wednesday, June 13, at approximately 10:30 AM, plant personnel detected the odor of diesel fuel near the North Branch Potomac River. Upon further investigation, a sheen was discovered coming from a storm sewer outlet and entering a drainage ditch leading to the river. AMPC personnel used booms and absorbent pads to successfully prevent further contamination from entering the ditch. The National Response Center (NRC) was notified that contamination in the form of a visible sheen had reached the N. Br. Potomac River.

Both the Office of Waste Management's UST Program and the Office of Environmental Remediation (OER) were notified of the diesel fuel release on June 13 and a request was made for further guidance. Messrs. Don Martin and Jim Maurin from the OER directed AMPC to continue investigating the site to determine where the release was or had migrated by checking manholes, wells, ditches, etc.

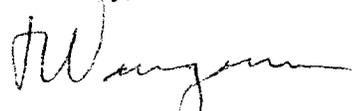
Pumping of groundwater from the original excavation continued along with the pumping of a nearby UST monitoring well that was found to contain approximately three inches of free-product. Booms and absorbent pads that had been placed in the storm sewer system and drainage ditch near the river were also routinely changed out.

Further investigation was conducted at the site on Thursday, June 14 in the presence of Mr. Maurin. AMPC excavated a cut-off trench approximately thirty (30) feet downgradient of the release site in an attempt to halt further migration of product and to determine how it may have entered the storm sewer system. No point of entry was ever identified. A portion of the piping between the site of the release and the UST was also excavated to determine if the release may have migrated along the pipe trench, accumulating in the fill around the tanks. Although some contamination was identified around the piping, the level did not indicate the presence of a substantial amount of free-product and this excavation was abandoned.

Mr. Maurin instructed AMPC to continue pumping groundwater from both the original excavation and the cut-off trench until no further migration of contaminated groundwater into either excavation was evident. AMPC continued to pump both locations until June 25 when no visible sheen was present on the water surface in either excavation. A total of 65 drums of free-product/contaminated groundwater were accumulated by AMPC over a 14-day period from June 12 to June 25. All wastewater is to be characterized for proper disposal. All contaminated soils removed during excavation at the site have been properly stored in a covered containment awaiting further disposition.

If you have any questions, please contact me at 304-726-5425.

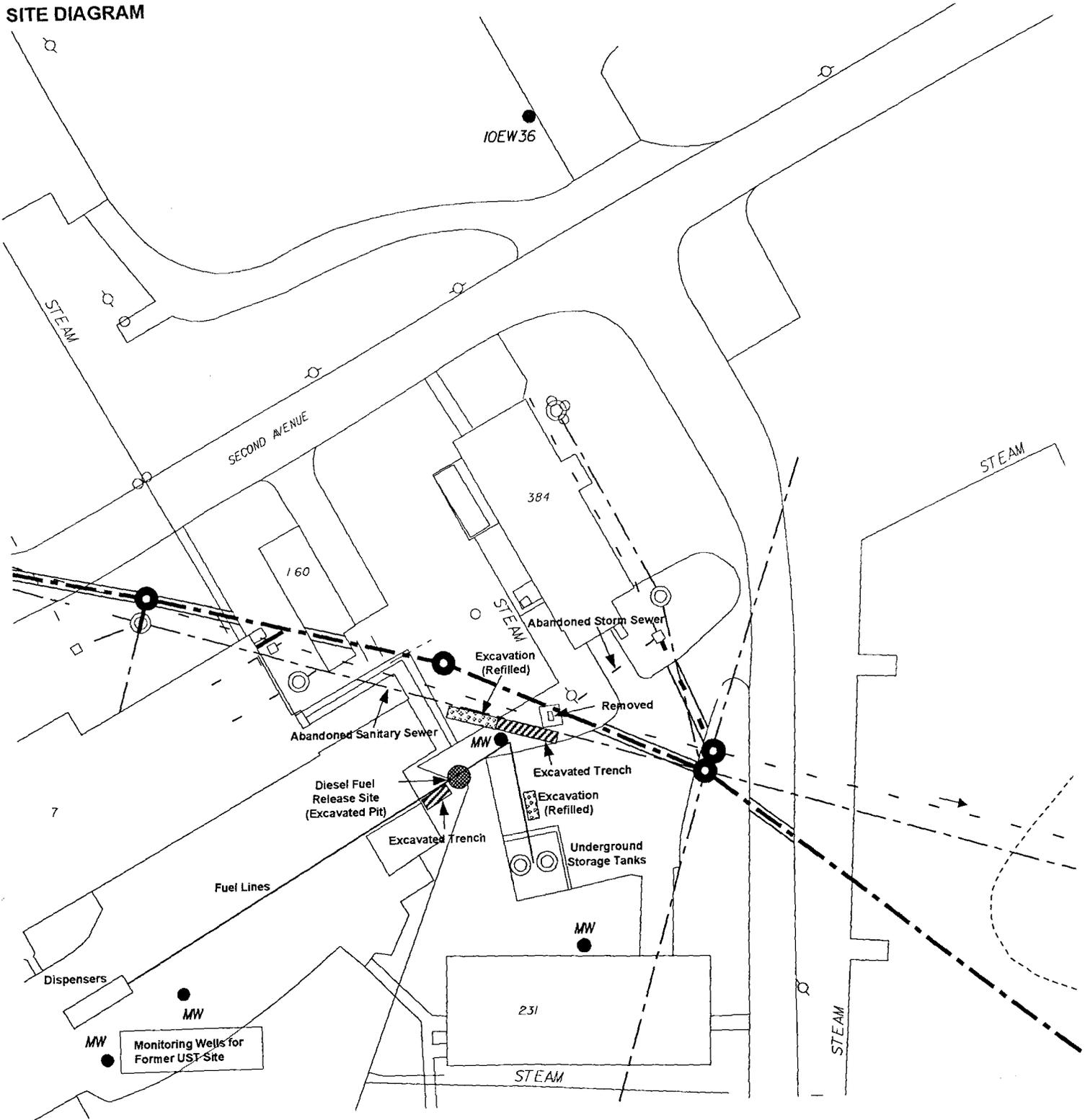
Sincerely,



John L. Waugaman
Environmental Manager
Alliant Missile Products Company LLC

cc w/ attachment: Jim Maurin (OER)

Allegany Ballistics Laboratory
Diesel Fuel Release - 6/12/2001
SITE DIAGRAM



- MW** **MONITORING WELL**
- — — — — **EXISTING SANITARY SEWER PIPE**
- — — — — **NEW SANITARY SEWER PIPE**
- - - - - **EXISTING STORM SEWER PIPE**
- - - - - **NEW STORM SEWER PIPE**
- - - - - **EXISTING WATER PIPE**
- ⊙ **EXISTING MANHOLE**
- **NEW MANHOLE**
- **POWER POLE**
- ⊕ **POWER POLE WITH LIGHT**
- - - - - **PIEZOMETRIC SURFACE; ALLUVIAL AQUIFER (ESTIMATED)**

