

Appendix H

Proposed Sampling Location Plan

Proposed Sampling Plan Tenneco Packaging - Macedon, NY

TO: George Howroyd/ATL

FROM: Ana Martin/NJO
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DATE: July 30, 1996

The following Phase II sampling activities are suggested for the Macedon facility based on observations and information obtained during the Phase I site visit performed on January 25 and 26, and February 1, 1996. Note that no sampling in the area of the former cosolvent tanks is proposed since this area has been investigated previously and is currently undergoing remediation.

Locations MA-1, MA-2, and MA-3

Propose to install and sample three temporary groundwater monitoring wells (estimated depth of 10 feet) to assess the potential impacts of various underground storage tanks and known leaks. Suggested locations: one upgradient well on south side of property (along Route 31, near parking areas); two or three downgradient locations, such as on east end of property near former underground MEK storage tanks; and on the west end of property near the location of some former gasoline underground storage tanks. Propose to sample for volatile organic compounds (VOCs), semi-volatiles, and metals. May also want to sample one to two of the existing wells that are part of existing multi-phase extraction (MPE) system.

Location MA-4

Propose two to three soil borings (4 to 6-ft depth) along the path of a former underground fuel line which ran beneath Building 10 to Building 12. It is suspected that the line may have leaked since there is known fuel oil groundwater contamination at the site. Propose analyzing for total petroleum hydrocarbons (TPH), VOCs, semi-volatiles, and metals.

Location MA-5

Propose collecting two soil borings (surface and 1 to 2-ft depth) at former MEK storage tanks location (near Building 34). The tanks were removed in 1986, but satisfactory cleanup/remediation documentation is not available. Propose analyzing for VOCs and semi-volatiles.

Location MA-6

Propose collecting two confirmatory soil samples (at 10-foot depth or greater) where leaking gasoline tanks were excavated in 1978 (northeast of Building 11), but for which satisfactory documentation is not available. Propose analyzing for TPH, VOCs, and semi-volatiles.

Location MA-7

Propose collecting two soil samples (one at 1 - 2 -foot and one at 4 - 6-foot depth) at the location of a former aboveground fuel storage tank (adjacent to east side of Building 12) to assess potential contamination from spills during filling operations. Propose analyzing for TPH, VOCs, and semi-volatiles.

Location MA-8

Propose collecting two to three soil borings (8 to 10-ft depth) near/beneath an existing (but out of service) underground storage tank previously used for waste inks (near existing MPE system) to determine if this is also a source area for the known nearby groundwater contamination. Propose analyzing for VOCs, semi-volatiles, and metals.

Location MA-9

Propose taking two soil samples (one at 1 - 2-foot and one at 2 - 4-foot depth) near a former aboveground lube oil drum storage area (adjacent to the fire tank) to assess impacts, if any, of material handling in this area. Propose analyzing for TPH.

Location MA-10

Propose collecting two soil borings (2 to 4-ft and 6 to 8-ft depth) near the ink tray wash room which was found to be leaking in 1987, but for which satisfactory documentation on remediation is not available. Propose analyzing for VOCs, semi-volatiles, and metals.

Locations MA-11, MA-12, and MA-13

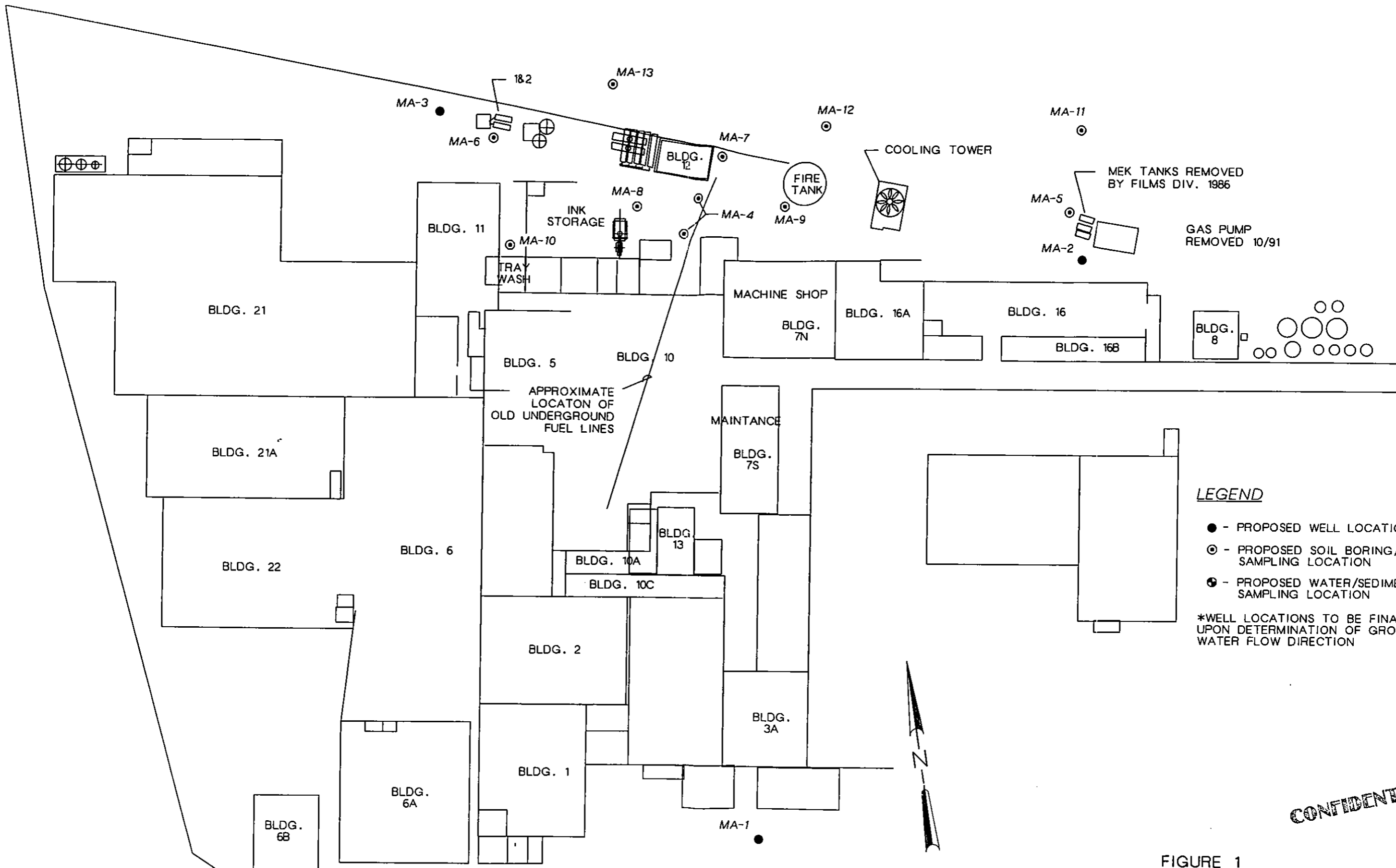
Propose collecting sediment samples (1 to 2-ft and 3 to 4-ft depth) in the Erie Canal at three locations to assess any potential contamination of the Canal due to previous (or ongoing) SPDES discharges and past resin spills. Propose analyzing for VOCs, semi-volatiles, and metals.

Location MA-14

Propose collecting one background soil sample (1 to 2-ft depth) and analyzing for metals to establish a baseline.

Additional Areas for Consideration

Additional areas that should be considered for possible subsurface investigation include: 1) glycol AST located southwest of Building 3; 2) methyl ethyl alcohol AST located west of Building 10; and 3) wastewater UST located west of Building 10.



LEGEND

- - PROPOSED WELL LOCATION*
- ⊙ - PROPOSED SOIL BORING/ SAMPLING LOCATION
- ⊕ - PROPOSED WATER/SEDIMENT SAMPLING LOCATION

*WELL LOCATIONS TO BE FINALIZED UPON DETERMINATION OF GROUND WATER FLOW DIRECTION

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FIGURE 1
PROPOSED PHASE II
SAMPLING LOCATIONS
 TENNECO PACKAGING, INC.
 MACEDON, NY FACILITY

