



**General Motors Corporation
Worldwide Facilities Group
Environmental & Regulatory Support
Remediation Team**



September 30, 1996

Mr. Eric Van Riper
Michigan Department of Environmental Quality
Shiawassee District Headquarters
10650 Bennett Drive
Morrice, MI 48857-9792

Re: Linden Road Landfill
Flint Township, MI

Dear Mr. Van Riper:

The attached letter/Sampling Plan from Weston details our response to your letter dated September 13, 1996. I trust that you will find this response satisfactory. Weston is attempting to schedule the field work within the next three weeks, so your prompt response would be appreciated.

If you have any questions please call me (810-236-0300).

Sincerely,

Robert S. Metcalf, P.E.
Project Manager
General Motors Corporation

cc: file
S. Babusukumar, Weston
Ed Peterson, GM



Roy F. Weston, Inc.
Suite 400
3 Hawthorn Parkway
Vernon Hills, Illinois 60061-1450
847-918-4000 • Fax 847-918-4055

26 September 1996

Mr. Robert Metcalf, P.E.
Project Manager
Environmental and Energy Staff
General Motors Corporation
CLCD North
902 East Hamilton Avenue
Flint, Michigan 48550-8504

Work Order Number: 01138-079-001

Re: Response to 13 September 1996 MDEQ Letter and
Sampling Plan for Storm Drain Systems
Linden Road Site, Flint, Michigan

Dear Mr. Metcalf:

Roy F. Weston, Inc. (WESTON®) has reviewed the letter to General Motors (GM) dated 13 September 1996 from the Michigan Department of Environmental Quality (MDEQ) regarding the Remedial Action Plan (RAP) for the above referenced site.

As indicated in Comment #1a of the above letter, WESTON will collect shallow groundwater samples from five distinct locations within the interior of the site. Samples will be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), Michigan ten metals, and polychlorinated biphenyls (PCBs).

Based on Comment #1d, WESTON has prepared a sampling plan to conduct water sampling of the storm drain systems crossing the southeast corner of the Linden Road site. The purpose of this sampling effort is to determine if any potential contaminants at the site are being released into the storm drain system.

WESTON reviewed the storm sewer drawings obtained from the Genesee County Building Department. Based on these drawings, it appears there are two storm sewers that cross the southeast corner of the Linden Road site. The drawings indicate that an older 14-inch sewer and a recently constructed 24-inch sewer run parallel to each other, as shown in Figure 1. Figure 1 also shows the locations of the manholes associated with these storm sewers.





Mr. Robert Metcalf, P.E.
General Motors Corporation

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26 September 1996

SAMPLING PLAN

Prior to sampling, WESTON will inspect the sewers and the associated manholes within the study area. After confirming the locations of the two storm sewers and the associated manholes, samples of water will be collected. Two water samples will be collected from each storm sewer; one upstream and one downstream of the site. Sampling locations are shown in Figure 1. Sampling activities will be dependent on weather conditions to ensure availability of water for sampling. All sampling, sample handling, chain-of-custody, and shipping procedures will be consistent with the procedures used previously at the site to collect surface water samples.

The water samples will be analyzed at an approved laboratory, for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and polychlorinated biphenyls (PCBs). Analytical results will be validated by a WESTON chemist using U.S. Environmental Protection Agency (U.S. EPA) guidelines. A technical memorandum summarizing the findings of this sampling effort will be forwarded to GM and MDEQ within three weeks of receiving the analytical results from the laboratory.

If you have any questions or require additional information, please call me at (847) 918-4018.

Very truly yours,

ROY F. WESTON, INC.

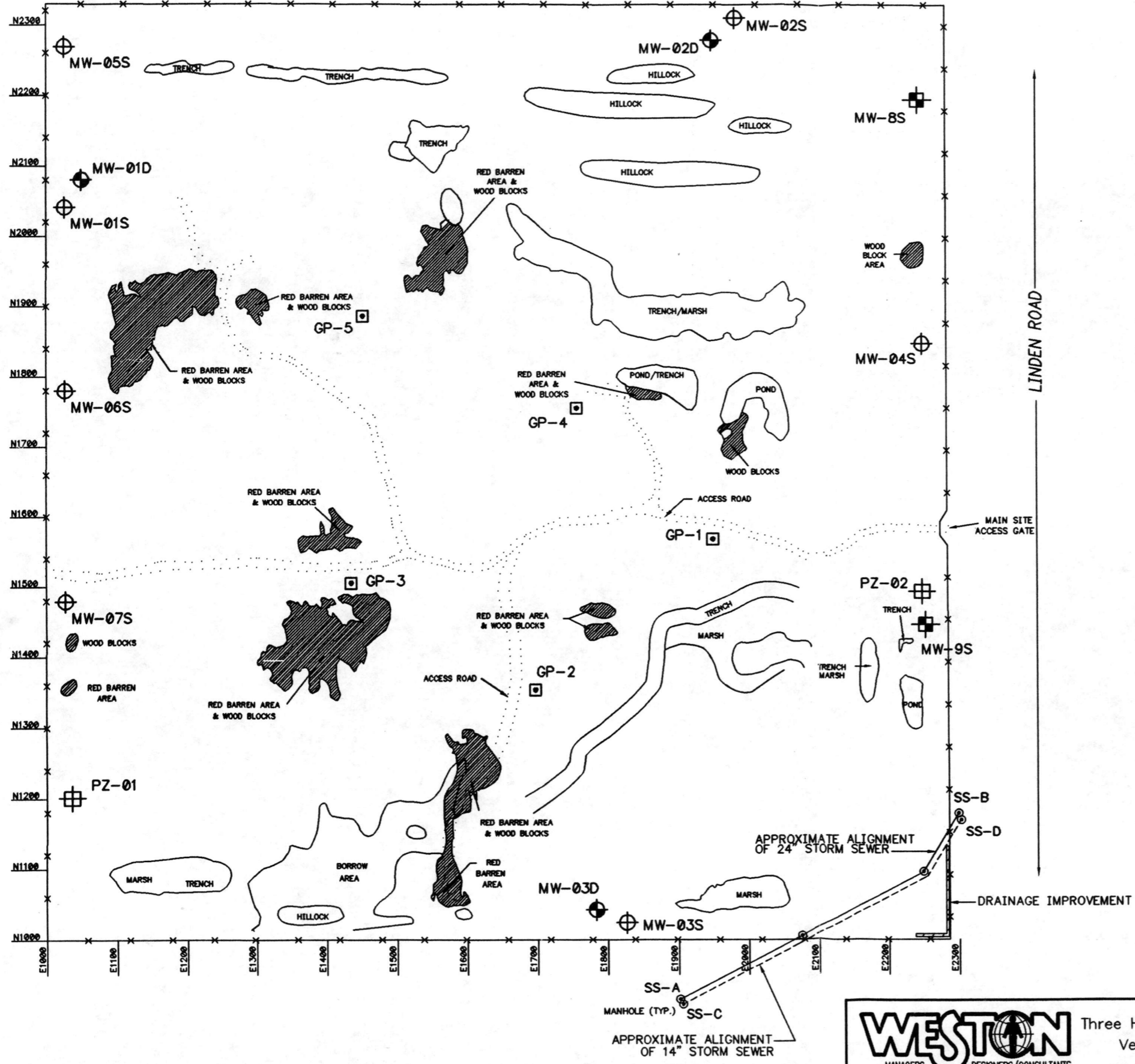
A handwritten signature in black ink, appearing to read "S. Babusukumar".

S. Babusukumar, P.G.
Project Manager

SB:pw

cc: Mr. E. Peterson, GM

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LEGEND

MW-04S	⊕	SHALLOW MONITORING WELL LOCATION
MW-02D	⊕	DEEP MONITORING WELL LOCATION
PZ-02	⊕	PIEZOMETER LOCATION
MW-9S	⊕	PROPOSED ADDITIONAL MONITORING WELL LOCATION
GP-1	⊕	PROPOSED (GEOPROBE) GROUNDWATER SAMPLE LOCATION
SS-C	⊕	STORM SEWER SAMPLING LOCATION

FIGURE 1

WESTON Three Hawthorn Parkway
 MANAGERS DESIGNERS/CONSULTANTS Vernon Hills, Illinois 60061

PROPOSED STORM SEWER SAMPLING LOCATIONS
 LINDEN ROAD LANDFILL SITE
 Flint, Michigan