



***RCRA Facility Investigation
Work Plan***

Volume VIII

**General Motors Corporation
NAO Flint Operations Site
Flint, Michigan**

March 30, 2001

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BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Consultants with focus

WORK PLAN

*RCRA Facility Investigation
Work Plan*

Volume VIII

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Volume IV

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Volume V

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Appendix E Health and Safety Plan (HASP)

- Excluding Attachment H (Material Safety Data Sheets)

Volume VII

Appendix E Health and Safety Plan (HASP)

- Attachment H (Material Safety Data Sheets)

Volume VIII

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Appendix G Historical Analytical Results

Appendix F

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Community Relations Plan

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1. Introduction

This Community Relations Plan (CRP) is submitted as an appendix to and forms part of the RCRA Facility Investigation (RFI) Work Plan prepared by General Motors Corporation (GM) for the GM NAO Flint Operations Site (Site). The GM NAO Flint Site encompasses approximately 452 acres of land located in the northeast quadrant of the City of Flint. Refer to Figure F-1 for an illustration of the general location of the GM NAO Flint Site.

In accordance with the Consent Order, the CRP identifies the mechanisms that will be used for the dissemination of information to the public regarding RFI project activities.

Table F-1 identifies potential community relations activities related to implementation of the RFI Work Plan.

2. Facility History and Description

Based on a review of the U.S. Geological Survey (USGS) Flint North Quadrangle map, the nearest surface water is the Flint River, which parallels the Site and is approximately 100 feet away at the south end of the Site and 3,000 feet away at the north end of the Site.

2.1 Facility History

Portions of the Site were originally developed in the late 1800s for the purpose of producing the “horseless carriage.” In 1898, Billy Durant and J. Dallas Dort purchased the Imperial Wheel Company, making it a subsidiary of the Durant/Dort Carriage Company. After acquisition of the Imperial Wheel Company, manufacturing operations were relocated to the intersection of Hamilton Avenue and St. John Street (currently James P. Cole Boulevard).

The Buick Motor Company was first established in Flint when Flint Wagon Works purchased the company from David Buick in September 1903. In 1903, the Buick Motor Company was relocated from Detroit to the Site, on Hamilton Avenue between Industrial Avenue and St. John Street (now James P. Cole Boulevard). With David Buick as president, and Billy Durant as general manager, 16 experimental cars were produced by the end of 1903, and 37 cars were produced in 1904. The Buick Motor Company became a division of General Motors when the corporation was formed in 1908. The Buick Motor Company experienced very rapid growth and produced approximately 30,000 cars in 1910. By that time, the Buick Motor Company had expanded its facility to include the southern portion of the Site. By the end of 1923, the Buick Motor Company had produced 1 million cars, with the Buick complex continuing to grow northward from Hamilton Avenue toward Pierson Road.

In addition to the manufacturing of automobiles, in response to World War I, the Buick Motor Company began producing the Liberty Aircraft engine in 1918. Similarly, in response to World War II, the production of automobiles was stopped in 1942, and the Buick complex was converted for the production of military equipment.

2.2 Current Operations

Portions of the Site have recently become inactive, while others remain in full production. Recent and current manufacturing processes include:

- Machining of ferrous and nonferrous metals;
- Plating (discontinued);
- Automobile painting (discontinued);
- V-6 engine manufacturing;
- Coil spring manufacturing (discontinued);
- Torque converter manufacturing;
- Transmission components manufacturing;
- Plastic injection (discontinued); and
- Vehicle assembly (discontinued).

These manufacturing processes include(d) activities or equipment with potential environmental significance as identified below:

- Storing/conveying/using/recycling numerous liquids, including gasolines, oils, solvents, and paints, etc., via sumps, vaults, underground storage tanks (USTs), aboveground storage tanks (ASTs), collection trenches, collection vessels, and materials recovery for various manufacturing operations;
- Degreasing parts;
- Coal-fired steam generation (discontinued); and
- Industrial wastewater treatment.

For further details regarding the current and historical operations at the Site, refer to the following:

- *Description of Current Conditions for Areas South of Leith Street* (BBL, May 30, 2000); and
- *Description of Current Conditions for Areas North of Leith Street* (BBL, November 26, 2000).

3. Community Relations Plan Activities

3.1 Community Relations Goals

The goal of the CRP is as follows:

- keep the public informed as the project progresses and as results are received, and
- provide a mechanism for disseminating information on a routine as well as a nonroutine basis in response to individual requests.

3.2 CRP Implementation

3.2.1 Scope

Implementation of the CRP will ensure a regular flow of information/data/results from GM to the general public during the course of the RFI/CMS project. An information repository has been established at the Flint Library, Main Branch, 1026 E. Kearsley Street, Flint, Michigan 48502, as required. The phone number for the Flint Public Library is (810) 232-7111.

3.2.2 RFI Completion

Upon approval by USEPA of a Final Corrective Measures Proposal, the USEPA will provide the public with an opportunity to review and comment on the proposed corrective measures, if any.

3.2.3 Quarterly Progress Letters

Quarterly progress reports under the Consent Order will be prepared to provide prompt and accurate information regarding the status of the project to interested parties.

3.2.4 **Unscheduled Communication**

GM will, as necessary, respond to comments or concerns of individual members of the public in response to individual requests.

Tables

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TABLE F-1

**SUMMARY OF POTENTIAL COMMUNITY RELATIONS ACTIVITIES
RFI WORK PLAN
GENERAL MOTORS CORPORATION
FLINT, MICHIGAN**

Establish Information Repository

- Objective: To provide the community with access to information about the Site.
- Action: An information repository has been established at a local public library.
- Discussion: The repository will include all final, significant, project items such as the Current Conditions Report, the RFI Work Plan, progress reports, minutes of public meetings, the RFI Report, and the Final Corrective Measures Proposal.

Designate a Point of Contact

- Objective: To provide the public with an individual who can provide accurate information on the project.
- Action: Proposed contacts include:

Gary Cygan (USEPA)
Robert Metcalf (GM)
GM Media Relations
- Discussion: The contact people will coordinate and direct responses to inquiries. When necessary, technical personnel will assist in providing responses.

Prepare and Distribute Fact Sheets

- Objective: To inform the public of RFI activities.
- Action: Fact sheets will be used on an as-needed basis.
- Discussion: Fact sheets can be an effective method of providing information to the public.

Prepare Press Releases

- Objective: To release accurate information as needed.
- Action: Press releases will be used on an as-needed basis.
- Discussion: Press releases would be sent to the appropriate local media.

Public Notices

Objective: To formally notify the public of the information repository and public meetings.

Action: Public notices will appear in the local newspaper.

Discussion: The public notices will be published in the local newspapers, as required.

Conduct Briefings

Objective: To keep interested parties informed of the project status.

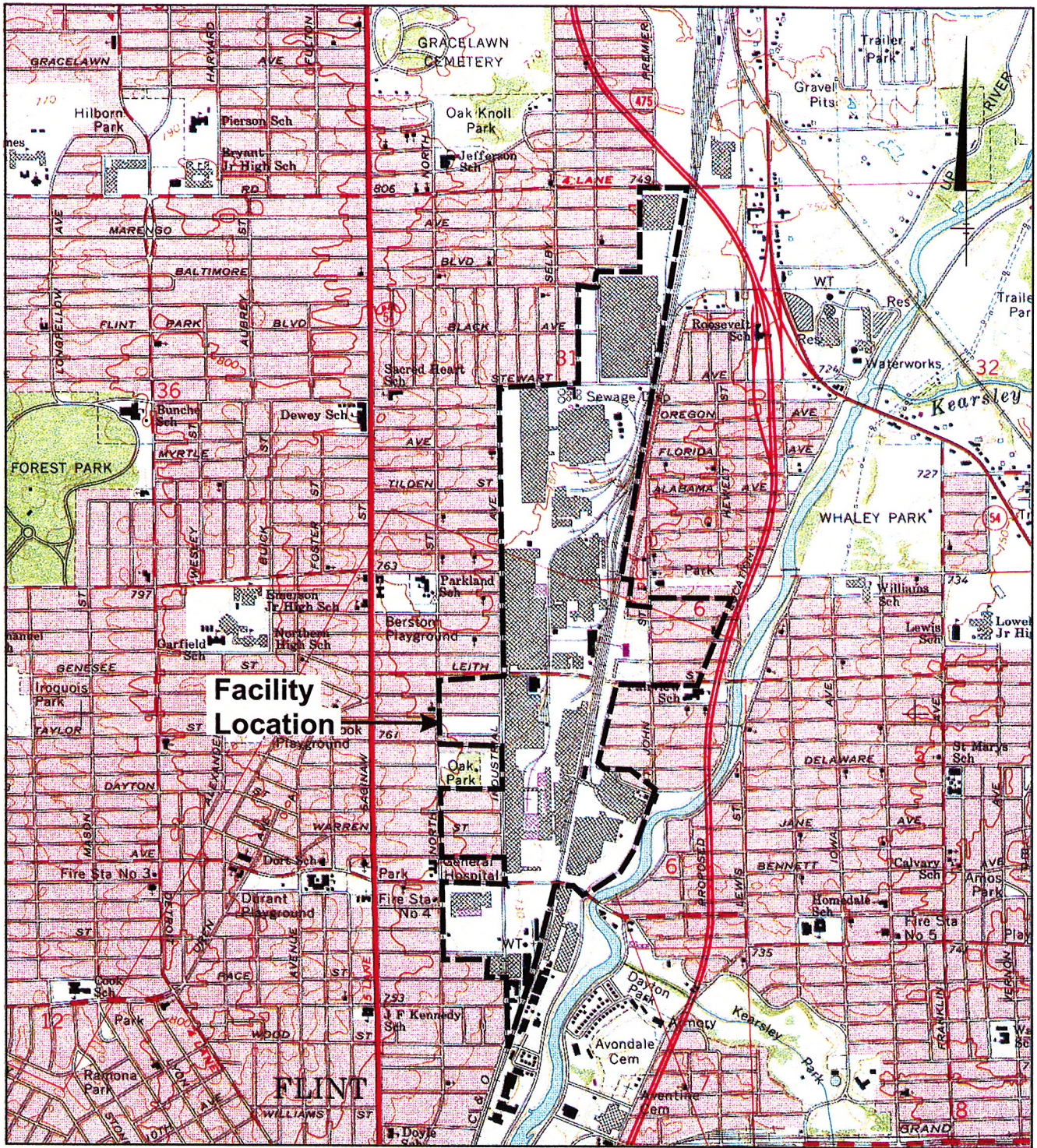
Action: Briefings will be conducted on an as-needed basis.

Discussion: Briefings will be accomplished through informal telephone updates.

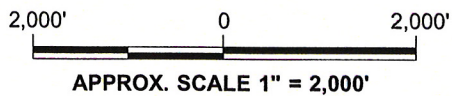
Figures

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REFERENCE: Base Map Source: USGS 7.5 Min. Topo. Quad., Flint North, Mich. (1969, Photorevised 1975).



GENERAL MOTORS CORPORATION
NAO FLINT OPERATIONS

RCRA FACILITY INVESTIGATION WORK PLAN

SITE LOCATION MAP

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FIGURE F-1

Appendix G

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Historical Analytical Results