



## **APPENDIX C**

### **Environmental Database Report**



## **The EDR Radius Map with GeoCheck<sup>®</sup>**

**WSU Tower Property  
4500 Cass Avenue  
Detroit, MI 48201**

**Inquiry Number: 11021681.3p**

**July 31, 2003**

## ***The Source* For Environmental Risk Management Data**

**3530 Post Road  
Southport, Connecticut 06890**

### **Nationwide Customer Service**

**Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)**

## TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	5
Orphan Summary .....	65
EPA Waste Codes .....	EPA-1
Government Records Searched/Data Currency Tracking .....	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting Source Map .....	A-7
Physical Setting Source Map Findings .....	A-8
Physical Setting Source Records Searched .....	A-10

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

### **Disclaimer Copyright and Trademark Notice**

*This report contains information obtained from a variety of public and other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL EDR BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES.*

*Entire contents copyright 2003 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.*

*EDR and the edr logos are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.*

## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

### TARGET PROPERTY INFORMATION

#### ADDRESS

4500 CASS AVENUE  
DETROIT, MI 48201

#### COORDINATES

Latitude (North): 42.353200 - 42° 21' 11.5"  
Longitude (West): 83.063700 - 83° 3' 49.3"  
Universal Transverse Mercator: Zone 17  
UTM X (Meters): 330029.5  
UTM Y (Meters): 4690841.5  
Elevation: 625 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2442083-C1 DETROIT, MI CA08  
Source: USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ( "reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

### FEDERAL ASTM STANDARD

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned  
RCRIS-TSD..... Resource Conservation and Recovery Information System  
RCRIS-LQG..... Resource Conservation and Recovery Information System  
ERNS..... Emergency Response Notification System

### STATE ASTM STANDARD

SWF/LF..... Solid Waste Facilities Database

## EXECUTIVE SUMMARY

HIST LF..... Inactive Solid Waste Facilities  
INDIAN UST..... Underground Storage Tanks on Indian Land

### FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
Delisted NPL..... National Priority List Deletions  
HMIRS..... Hazardous Materials Information Reporting System  
MLTS..... Material Licensing Tracking System  
MINES..... Mines Master Index File  
NPL Liens..... Federal Superfund Liens  
PADS..... PCB Activity Database System  
DOD..... Department of Defense Sites  
RAATS..... RCRA Administrative Action Tracking System  
TRIS..... Toxic Chemical Release Inventory System  
TSCA..... Toxic Substances Control Act  
SSTS..... Section 7 Tracking Systems  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

### STATE OR LOCAL ASTM SUPPLEMENTAL

AST..... Aboveground Tanks

### EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### FEDERAL ASTM STANDARD

**CORRACTS:** CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/31/2003 has revealed that there are 2

## EXECUTIVE SUMMARY

CORRACTS sites within approximately 1.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GMC CHEVROLET DETROIT ASSEMBLY</i>	<i>601 PIQUETTE</i>	<i>1 - 2 N</i>	<i>54</i>	<i>59</i>
<i>CAMEO COLOR COAT</i>	<i>6051 HASTINGS</i>	<i>1 - 2 N</i>	<i>55</i>	<i>61</i>

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 05/09/2003 has revealed that there are 12 RCRIS-SQG sites within approximately 0.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>MOBIL OIL CORP DE7</i>	<i>4661 WOODWARD AND FORES</i>	<i>0 - 1/8 NNE</i>	<i>A4</i>	<i>10</i>
<i>DETROIT POLICE PCT 13 CITY OF</i>	<i>4747 WOODWARD</i>	<i>1/8 - 1/4 N</i>	<i>A7</i>	<i>13</i>
<i>US VA MEDICAL CTR DETROIT</i>	<i>4646 JOHN R ST</i>	<i>1/8 - 1/4 NE</i>	<i>E15</i>	<i>19</i>
<i>WAYNE STATE UNIVERSITY</i>	<i>110 E WARREN AVE</i>	<i>1/4 - 1/2 N</i>	<i>21</i>	<i>22</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CANFIELD LOFTS LLC</i>	<i>460 W CANFIELD</i>	<i>1/8 - 1/4 SSW</i>	<i>C9</i>	<i>14</i>
<i>DETROIT CITY OF PUBLIC SCHOOLS</i>	<i>444 W WILLIS</i>	<i>1/8 - 1/4 S</i>	<i>D12</i>	<i>16</i>
<i>BICENTENNIAL TOWERS 1984 LDHA</i>	<i>4 E ALEXANDRINE</i>	<i>1/4 - 1/2 SE</i>	<i>F17</i>	<i>20</i>
<i>DETROIT CITY OF</i>	<i>433 W ALEXANDRINE</i>	<i>1/4 - 1/2 S</i>	<i>G19</i>	<i>21</i>
<i>AMERITECH CORP</i>	<i>52 SELDEN</i>	<i>1/4 - 1/2 SE</i>	<i>I25</i>	<i>27</i>
<i>HARPER HOSPITAL</i>	<i>3990 JOHN R</i>	<i>1/4 - 1/2 ESE</i>	<i>J29</i>	<i>30</i>
<i>KING-SMITH CO</i>	<i>818 W HANCOCK</i>	<i>1/4 - 1/2 W</i>	<i>31</i>	<i>33</i>
<i>UNIVERSITY CLUB APTS LTD PART</i>	<i>900 W FOREST ST</i>	<i>1/4 - 1/2 WSW</i>	<i>33</i>	<i>35</i>

### STATE ASTM STANDARD

**SHWS:** The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's Contaminated Sites List on Diskette With Address.

A review of the SHWS list, as provided by EDR, has revealed that there are 2 SHWS sites within approximately 1.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>MCI INC</i>	<i>666 HARPER</i>	<i>1 - 2 N</i>	<i>53</i>	<i>59</i>
<i>CAMEO COLOR COAT</i>	<i>6051 HASTINGS</i>	<i>1 - 2 N</i>	<i>55</i>	<i>61</i>

**LUST:** The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 06/14/2003 has revealed that there are 28

## EXECUTIVE SUMMARY

LUST sites within approximately 0.625 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>MOBIL OIL SS #03-DE7</b>	<b>4661 WOODWARD AVE</b>	<b>0 - 1/8 NNE</b>	<b>A1</b>	<b>5</b>
<b>POLICE DEPT PRECINCT #13</b>	<b>4747 WOODWARD AVE</b>	<b>1/8 - 1/4N</b>	<b>A8</b>	<b>13</b>
<b>HANCOCK CENTER</b>	<b>HANCOCK AVENUE &amp; CASS</b>	<b>1/8 - 1/4NW</b>	<b>11</b>	<b>15</b>
<b>BENZ OIL CO</b>	<b>208 E WARREN AVE</b>	<b>1/4 - 1/2NNE</b>	<b>H23</b>	<b>25</b>
<b>VETERANS ADMINISTRATION HOSPIT</b>	<b>4401 BRUSH ST</b>	<b>1/4 - 1/2ENE</b>	<b>28</b>	<b>29</b>
<b>DEPT OF PUBLIC SAFETY</b>	<b>5454 CASS AVE</b>	<b>1/4 - 1/2NNW</b>	<b>L38</b>	<b>39</b>
<b>MHC-ADULT MENTAL HEALTH DIVISI</b>	<b>5435 WOODWARD AVE</b>	<b>1/2 - 1 NNW</b>	<b>N41</b>	<b>42</b>
<b>HUTZEL HOSPITAL</b>	<b>4707 ST. ANTOINE BOULEV</b>	<b>1/2 - 1 NE</b>	<b>42</b>	<b>43</b>
<b>PAINIA DEVELOPMENT CORP</b>	<b>5200 BRUSH</b>	<b>1/2 - 1 NNE</b>	<b>45</b>	<b>47</b>
<b>CULTURAL GARDENS</b>	<b>5200 BEAUBIEN</b>	<b>1/2 - 1 NNE</b>	<b>51</b>	<b>54</b>
<b>BEST BUY SERVICE</b>	<b>5564 WOODWARD AVE</b>	<b>1/2 - 1 NNW</b>	<b>52</b>	<b>55</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>45-57 CANFIELD</b>	<b>45-57 CANFIELD</b>	<b>0 - 1/8 ESE</b>	<b>B2</b>	<b>8</b>
<b>GREENBERG INVESTMENT CO</b>	<b>4405 CASS AVE</b>	<b>0 - 1/8 SSW</b>	<b>C5</b>	<b>10</b>
<b>AJ MARSHALL BUILDING</b>	<b>4400 CASS</b>	<b>0 - 1/8 SSW</b>	<b>C6</b>	<b>12</b>
<b>WILLIS WAREHOUSE</b>	<b>444 W WILLIS ST</b>	<b>1/8 - 1/4S</b>	<b>D13</b>	<b>16</b>
<b>BICENTENNIAL 1984 LDHA LP</b>	<b>#4 EAST ALEXANDRINA AVE</b>	<b>1/4 - 1/2SE</b>	<b>F16</b>	<b>19</b>
<b>FIRE DEPT ENGINE #5</b>	<b>434 W ALEXANDRINE</b>	<b>1/4 - 1/2S</b>	<b>G18</b>	<b>20</b>
<b>CITY OF DETROIT</b>	<b>4161 SECOND AVE</b>	<b>1/4 - 1/2SSW</b>	<b>20</b>	<b>21</b>
<b>4111 CORP</b>	<b>4111 SECOND AVE</b>	<b>1/4 - 1/2SSW</b>	<b>22</b>	<b>24</b>
<b>DETROIT COLUMBIA BLDG.</b>	<b>52 SELDEN ST</b>	<b>1/4 - 1/2SE</b>	<b>I27</b>	<b>28</b>
<b>HARPER HOSPITAL</b>	<b>3990 JOHN R ST</b>	<b>1/4 - 1/2ESE</b>	<b>J30</b>	<b>32</b>
<b>UNIVERSITY CLUB APTS LTD PART</b>	<b>900 W FOREST ST</b>	<b>1/4 - 1/2WSW</b>	<b>33</b>	<b>35</b>
<b>SAVE ORCHESTRA HALL</b>	<b>25 PARSONS ST</b>	<b>1/4 - 1/2SE</b>	<b>K35</b>	<b>36</b>
<b>FP-2000 LIMITED DIVIDEND HOUSI</b>	<b>1130 CANFIELD</b>	<b>1/4 - 1/2WSW</b>	<b>39</b>	<b>41</b>
<b>AMERICAN RED CROSS</b>	<b>100 MACK AVE</b>	<b>1/2 - 1 SE</b>	<b>M43</b>	<b>44</b>
<b>AMOCO OIL #5399</b>	<b>3555 WOODWARD / STIMS</b>	<b>1/2 - 1 SE</b>	<b>O46</b>	<b>49</b>
<b>GERI'S AUTO SERVICE</b>	<b>3574 2ND AVE</b>	<b>1/2 - 1 S</b>	<b>P47</b>	<b>50</b>
<b>MIDAS MUFFLER &amp; BRAKE SHOP/ AM</b>	<b>3510 WOODWARD AVENUE</b>	<b>1/2 - 1 SE</b>	<b>O50</b>	<b>54</b>

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Michigan UST database.

A review of the UST list, as provided by EDR, and dated 06/17/2003 has revealed that there are 16 UST sites within approximately 0.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>MOBIL OIL SS #03-DE7</b>	<b>4661 WOODWARD AVE</b>	<b>0 - 1/8 NNE</b>	<b>A1</b>	<b>5</b>
<b>POLICE DEPT PRECINCT #13</b>	<b>4747 WOODWARD AVE</b>	<b>1/8 - 1/4N</b>	<b>A8</b>	<b>13</b>
<b>HANCOCK CENTER</b>	<b>HANCOCK AVENUE &amp; CASS</b>	<b>1/8 - 1/4NW</b>	<b>11</b>	<b>15</b>
<b>VETERANS AFFAIRS MEDICAL CENTE</b>	<b>4646 JOHN R ST</b>	<b>1/8 - 1/4NE</b>	<b>E14</b>	<b>17</b>
<b>BENZ OIL CO</b>	<b>208 E WARREN AVE</b>	<b>1/4 - 1/2NNE</b>	<b>H23</b>	<b>25</b>
<b>VETERANS ADMINISTRATION HOSPIT</b>	<b>4401 BRUSH ST</b>	<b>1/4 - 1/2ENE</b>	<b>28</b>	<b>29</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>45-57 CANFIELD</b>	<b>45-57 CANFIELD</b>	<b>0 - 1/8 ESE</b>	<b>B2</b>	<b>8</b>
<b>GREENBERG INVESTMENT CO</b>	<b>4405 CASS AVE</b>	<b>0 - 1/8 SSW</b>	<b>C5</b>	<b>10</b>
<b>WILLIS WAREHOUSE</b>	<b>444 W WILLIS ST</b>	<b>1/8 - 1/4S</b>	<b>D13</b>	<b>16</b>
<b>BICENTENNIAL 1984 LDHA LP</b>	<b>#4 EAST ALEXANDRINA AVE</b>	<b>1/4 - 1/2SE</b>	<b>F16</b>	<b>19</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>FIRE DEPT ENGINE #5</b>	<b>434 W ALEXANDRINE</b>	<b>1/4 - 1/2 S</b>	<b>G18</b>	<b>20</b>
<b>4111 CORP</b>	<b>4111 SECOND AVE</b>	<b>1/4 - 1/2 SSW</b>	<b>22</b>	<b>24</b>
<b>DETROIT COLUMBIA BLDG.</b>	<b>52 SELDEN ST</b>	<b>1/4 - 1/2 SE</b>	<b>I27</b>	<b>28</b>
<b>HARPER HOSPITAL</b>	<b>3990 JOHN R ST</b>	<b>1/4 - 1/2 ESE</b>	<b>J30</b>	<b>32</b>
<b>TOTAL ARMORED CAR SERVICE INC</b>	<b>467 SELDEN ST</b>	<b>1/4 - 1/2 S</b>	<b>32</b>	<b>34</b>
<b>UNIVERSITY CLUB APTS LTD PART</b>	<b>900 W FOREST ST</b>	<b>1/4 - 1/2 WSW</b>	<b>33</b>	<b>35</b>

### BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 03/19/2003 has revealed that there are 13 BEA sites within approximately 0.625 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WOODWARD & GARFIELD	4454-4466 WOODWARD AVEN	0 - 1/8 E	B3	10
CATHEDRAL COMMUNITY SVCS., IN	LOTS 43 / 59 GARFIELD A	1/8 - 1/4 ENE	10	15
BENZOIL OIL PROPERTY (FORMER)	208 EAST WARREN	1/4 - 1/2 NNE	H24	27
Not reported	350 E. WARREN	1/4 - 1/2 NNE	34	36
CAMPUS VILLAGE	5500 CASS AVENUE	1/2 - 1 NNW	L44	47
MICHIGAN HEALTH CARE CENTER(FO	5435, 5501 / 5701 WOO	1/2 - 1 NNW	N48	53

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>CANFIELD LOFTS LLC</b>	<b>460 W CANFIELD</b>	<b>1/8 - 1/4 SSW</b>	<b>C9</b>	<b>14</b>
ORHCESTRA PLACE PARK	69-73 SELDEN	1/4 - 1/2 SE	I26	28
PROFESSIONAL PLAZA L.L.C.	3750-3800 WOODWARD AVEN	1/4 - 1/2 SE	K36	38
TWO COMMERCIAL BUILDINGS	3750 AND 3800 WOODWARD	1/4 - 1/2 SE	K37	38
NATIONAL BANK OF DETROIT (FORM	111 MACK AVENUE	1/2 - 1 SE	M40	42
DETROIT MEDICAL CENTER	SECOND / MYRTLE	1/2 - 1 S	P49	53
<b>MIDAS MUFFLER &amp; BRAKE SHOP/ AM</b>	<b>3510 WOODWARD AVENUE</b>	<b>1/2 - 1 SE</b>	<b>O50</b>	<b>54</b>

### FEDERAL ASTM SUPPLEMENTAL

**FINDS:** The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 03/19/2003 has revealed that there is 1 FINDS site within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>MOBIL OIL CORP DE7</b>	<b>4661 WOODWARD AND FORES</b>	<b>0 - 1/8 NNE</b>	<b>A4</b>	<b>10</b>



## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
DETROIT RIVER SEDIMENTS	SHWS, CERC-NFRAP
GENERAL DIE CASTING	SHWS
CHESAPEAKE PROPERTIES	SHWS
PACKARD PLANT (FORMER)	SHWS
I-94 INDUSTRIAL PARK	SHWS
WELCOME CENTER DEVELOPMENT	SHWS
UNISYS WORLD HQ DETROIT	SHWS
RUSSELL/WATSON ST NR EASTERN MKT	SHWS
EUMET RECYCLING	SHWS
FRIGID FOOD PRODUCTS, INC	UST
WAYNE STATE U - LOUIS ELLIMAN BLDG	RCRIS-SQG, FINDS
WAYNE STATE U-HELEN V PRENTIS LANDE BLDG	RCRIS-SQG, FINDS
WAYNE STATE U - MOTT CENTER	RCRIS-SQG, FINDS
WAYNE STATE UNIV PHYSICS BLDG	RCRIS-SQG, FINDS
WAYNE STATE UNIV - BIOMECHANICS	RCRIS-SQG, FINDS
AMOCO OIL CO 6330	RCRIS-SQG, FINDS
WARREN PLAZA CLEANERS	RCRIS-SQG, FINDS
WAYNE STATE UNIVERSITY	RCRIS-SQG
WAYNE STATE UNIV SCHL OF MEDICINE	FINDS, RCRIS-LQG
MIDOT BRIDGE I-75 UNDER CASS AVE	FINDS, RCRIS-LQG
MIDOT BRIDGE I-75 UNDER BRUSH ST	FINDS, RCRIS-LQG
BACK OF PROPERTY BY GARAGE, ENTRANCE TO AREA IS 9100 SAINT ST	ERNS
LOT BEHIND PROPERTY 9154 LIVENOR	ERNS
PROPERTY ON WOODWARD BETWEEN CANFIELD &	BEA
WOODWARD & GARFIELD, LLC	BEA
SCOTTEN AVENUE PROPERTY	BEA
FORT AND CLARK STREET PROPERTY	BEA
1370 CASS AVENUE / 315 BAGLEY	BEA
SECOND BLVD. REALTY CO. PROPERTY	BEA
SIX ACRE PROPERTY (MULTIPLE PARCELS)	BEA
GENERAL ELECTRIC PROPERTY (FORMERLY)	BEA
WARREN AND EVERGREEN	BEA

# OVERVIEW MAP - 11021681.3p - NTH Consultants Ltd.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ▧ National Priority List Sites
- ▩ Landfill Sites
- ▨ Dept. Defense Sites

- County Boundary
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▩ 500-year flood zone



TARGET PROPERTY: WSU Tower Property  
 ADDRESS: 4500 Cass Avenue  
 CITY/STATE/ZIP: Detroit MI 48201  
 LAT/LONG: 42.3532 / 83.0637

CUSTOMER: NTH Consultants Ltd.  
 CONTACT: Joe Sullivan  
 INQUIRY #: 11021681.3p  
 DATE: July 31, 2003 9:36 am

# DETAIL MAP - 11021681.3p - NTH Consultants Ltd.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- County Boundary
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone

**TARGET PROPERTY:** WSU Tower Property  
**ADDRESS:** 4500 Cass Avenue  
**CITY/STATE/ZIP:** Detroit MI 48201  
**LAT/LONG:** 42.3532 / 83.0637

**CUSTOMER:** NTH Consultants Ltd.  
**CONTACT:** Joe Sullivan  
**INQUIRY #:** 11021681.3p  
**DATE:** July 31, 2003 9:37 am

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL ASTM STANDARD</u></b>								
NPL		1.125	0	0	0	0	0	0
Proposed NPL		1.125	0	0	0	0	0	0
CERCLIS		0.625	0	0	0	0	NR	0
CERC-NFRAP		0.375	0	0	0	NR	NR	0
CORRACTS		1.125	0	0	0	0	2	2
RCRIS-TSD		0.625	0	0	0	0	NR	0
RCRIS Lg. Quan. Gen.		0.375	0	0	0	NR	NR	0
RCRIS Sm. Quan. Gen.		0.375	1	4	7	NR	NR	12
ERNS		0.125	0	NR	NR	NR	NR	0
<b><u>STATE ASTM STANDARD</u></b>								
State Haz. Waste		1.125	0	0	0	0	2	2
State Landfill		0.625	0	0	0	0	NR	0
LUST		0.625	4	3	12	9	NR	28
UST		0.375	3	4	9	NR	NR	16
BEA		0.625	1	2	5	5	NR	13
HIST LF		0.625	0	0	0	0	NR	0
INDIAN UST		0.375	0	0	0	NR	NR	0
<b><u>FEDERAL ASTM SUPPLEMENTAL</u></b>								
CONSENT		1.125	0	0	0	0	0	0
ROD		1.125	0	0	0	0	0	0
Delisted NPL		1.125	0	0	0	0	0	0
FINDS		0.125	1	NR	NR	NR	NR	1
HMIRS		0.125	0	NR	NR	NR	NR	0
MLTS		0.125	0	NR	NR	NR	NR	0
MINES		0.375	0	0	0	NR	NR	0
NPL Liens		0.125	0	NR	NR	NR	NR	0
PADS		0.125	0	NR	NR	NR	NR	0
DOD		1.125	0	0	0	0	0	0
RAATS		0.125	0	NR	NR	NR	NR	0
TRIS		0.125	0	NR	NR	NR	NR	0
TSCA		0.125	0	NR	NR	NR	NR	0
SSTS		0.125	0	NR	NR	NR	NR	0
FTTS		0.125	0	NR	NR	NR	NR	0
<b><u>STATE OR LOCAL ASTM SUPPLEMENTAL</u></b>								
AST		0.125	0	NR	NR	NR	NR	0
<b><u>EDR PROPRIETARY HISTORICAL DATABASES</u></b>								
Coal Gas		1.125	0	0	0	0	0	0

### NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A1        MOBIL OIL SS #03-DE7  
NNE       4661 WOODWARD AVE  
< 1/8     DETROIT, MI 48201  
513 ft.

LUST    U003160721  
UST     N/A

Site 1 of 4 in cluster A

Relative:  
Higher

Actual:  
627 ft.

LUST:

Facility ID:        00003215  
Release Number: C-0466-99  
Release Date:      May 19 1999  
Facility Status:    Open  
District:           SE Michigan District Office  
Closed Date:       Not reported  
Owner Contact :    Not reported  
Owner Name :       ExxonMobil Oil Corporation  
Owner Address :    C/o Veeder-Root CMS 12265 W Bayaud Ave  
                         Lakewood, CO 80228  
Country :           USA  
Owner Phone :      800-253-8054  
Contact :           EMILY MILLEER  
Facility Phone :    (800) 327-8431

Facility ID:        00003215  
Release Number: C-1950-90  
Release Date:      Sep 21 1990  
Facility Status:    Open  
District:           SE Michigan District Office  
Closed Date:       Not reported  
Owner Contact :    Not reported  
Owner Name :       ExxonMobil Oil Corporation  
Owner Address :    C/o Veeder-Root CMS 12265 W Bayaud Ave  
                         Lakewood, CO 80228  
Country :           USA  
Owner Phone :      800-253-8054  
Contact :           EMILY MILLEER  
Facility Phone :    (800) 327-8431

Facility ID:        00003215  
Release Number: C-1843-90  
Release Date:      Sep 21 1990  
Facility Status:    Open  
District:           SE Michigan District Office  
Closed Date:       Not reported  
Owner Contact :    Not reported  
Owner Name :       ExxonMobil Oil Corporation  
Owner Address :    C/o Veeder-Root CMS 12265 W Bayaud Ave  
                         Lakewood, CO 80228  
Country :           USA  
Owner Phone :      800-253-8054  
Contact :           EMILY MILLEER  
Facility Phone :    (800) 327-8431

UST:

Facility ID:        00003215  
Tank ID:            1  
Owner:              ExxonMobil Oil Corporation

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**MOBIL OIL SS #03-DE7 (Continued)**

**U003160721**

Owner Address: C/o Veeder-Root CMS 12265 W Bayaud Ave  
Lakewood, CO 80228

Owner Phone: 800-253-8054

Product: Gasoline

Capacity: 10000

Tank Status: Removed from Ground

Constr Material: Asphalt Coated or Bare Steel

Piping Material: Galvanized Steel

Piping Type: Not reported

Contact: EMILY MILLEER

Contact Phone: (800) 327-8431

Impressed Device: No

Install Date: Feb 10 1969

Release Detection:

Tank: Not reported

Pipe: Not reported

Facility ID: 00003215

Tank ID: 2

Owner: ExxonMobil Oil Corporation

Owner Address: C/o Veeder-Root CMS 12265 W Bayaud Ave  
Lakewood, CO 80228

Owner Phone: 800-253-8054

Product: Gasoline

Capacity: 10000

Tank Status: Removed from Ground

Constr Material: Asphalt Coated or Bare Steel

Piping Material: Galvanized Steel

Piping Type: Not reported

Contact: EMILY MILLEER

Contact Phone: (800) 327-8431

Impressed Device: No

Install Date: Feb 10 1969

Release Detection:

Tank: Not reported

Pipe: Not reported

Facility ID: 00003215

Tank ID: 3

Owner: ExxonMobil Oil Corporation

Owner Address: C/o Veeder-Root CMS 12265 W Bayaud Ave  
Lakewood, CO 80228

Owner Phone: 800-253-8054

Product: Gasoline

Capacity: 10000

Tank Status: Removed from Ground

Constr Material: Asphalt Coated or Bare Steel

Piping Material: Galvanized Steel

Piping Type: Not reported

Contact: EMILY MILLEER

Contact Phone: (800) 327-8431

Impressed Device: No

Install Date: Feb 11 1971

Release Detection:

Tank: Not reported

Pipe: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL SS #03-DE7 (Continued)**

**U003160721**

Facility ID: 00003215  
Tank ID: 4  
Owner: ExxonMobil Oil Corporation  
Owner Address: C/o Veeder-Root CMS 12265 W Bayaud Ave  
Lakewood, CO 80228  
Owner Phone: 800-253-8054  
Product: HYD. OIL  
Capacity: 50  
Tank Status: Currently In Use  
Constr Material: Asphalt Coated or Bare Steel  
Piping Material: Galvanized Steel  
Piping Type: Not reported  
Contact: EMILY MILLEER  
Contact Phone: (800) 327-8431  
Impressed Device: No  
Install Date: Feb 10 1969  
Release Detection:  
Tank: Not reported  
Pipe: Not reported

Facility ID: 00003215  
Tank ID: 5  
Owner: ExxonMobil Oil Corporation  
Owner Address: C/o Veeder-Root CMS 12265 W Bayaud Ave  
Lakewood, CO 80228  
Owner Phone: 800-253-8054  
Product: Gasoline  
Capacity: 10000  
Tank Status: Currently In Use  
Constr Material: Double Walled, Fiberglass Reinforced plastic  
Piping Material: Fiberglass reinforced plastic  
Piping Type: Pressure  
Contact: EMILY MILLEER  
Contact Phone: (800) 327-8431  
Impressed Device: No  
Install Date: Oct 1 1990  
Release Detection:  
Tank: Automatic Tank Gauging  
Pipe: Automatic Line Leak Detectors, Interstitial Monitoring/Second Containment, Line Tightness Testing

Facility ID: 00003215  
Tank ID: 6  
Owner: ExxonMobil Oil Corporation  
Owner Address: C/o Veeder-Root CMS 12265 W Bayaud Ave  
Lakewood, CO 80228  
Owner Phone: 800-253-8054  
Product: Gasoline  
Capacity: 10000  
Tank Status: Currently In Use  
Constr Material: Double Walled, Fiberglass Reinforced plastic  
Piping Material: Fiberglass reinforced plastic  
Piping Type: Pressure  
Contact: EMILY MILLEER  
Contact Phone: (800) 327-8431  
Impressed Device: No

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

MOBIL OIL SS #03-DE7 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U003160721

Install Date: Oct 1 1990  
Release Detection:  
Tank: Automatic Tank Gauging,Groundwater Monitoring  
Pipe: ,Automatic Line Leak Detectors,Interstitial Monitoring/Second Containment,Line Tightness Testing

Facility ID: 00003215  
Tank ID: 7  
Owner: ExxonMobil Oil Corporation  
Owner Address: C/o Veeder-Root CMS 12265 W Bayaud Ave  
Lakewood, CO 80228  
Owner Phone: 800-253-8054  
Product: Gasoline  
Capacity: 10000  
Tank Status: Currently In Use  
Constr Material: Double Walled,Fiberglass Reinforced plastic  
Piping Material: Fiberglass reinforced plastic  
Piping Type: Pressure  
Contact: EMILY MILLEER  
Contact Phone: (800) 327-8431  
Impressed Device:No

Install Date: Oct 1 1990  
Release Detection:  
Tank: Automatic Tank Gauging,Groundwater Monitoring  
Pipe: Automatic Line Leak Detectors,Interstitial Monitoring/Second Containment,Line Tightness Testing

Facility ID: 00003215  
Tank ID: 8  
Owner: ExxonMobil Oil Corporation  
Owner Address: C/o Veeder-Root CMS 12265 W Bayaud Ave  
Lakewood, CO 80228  
Owner Phone: 800-253-8054  
Product: Gasoline  
Capacity: 10000  
Tank Status: Currently In Use  
Constr Material: Double Walled,Fiberglass Reinforced plastic  
Piping Material: Fiberglass reinforced plastic  
Piping Type: Pressure  
Contact: EMILY MILLEER  
Contact Phone: (800) 327-8431  
Impressed Device:No

Install Date: Oct 1 1990  
Release Detection:  
Tank: Automatic Tank Gauging,Groundwater Monitoring  
Pipe: Automatic Line Leak Detectors,Interstitial Monitoring/Second Containment,Line Tightness Testing

B2 45-57 CANFIELD  
ESE 45-57 CANFIELD  
< 1/8 DETROIT, MI 48180  
513 ft.

LUST U003758660  
UST N/A

Site 1 of 2 in cluster B

Relative:  
Lower

LUST:  
Facility ID: 00040129  
Release Number: C-0615-99  
Release Date: Jun 22 1999  
Facility Status: Open

Actual:  
624 ft.



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

45-57 CANFIELD (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U003758660

District: SE Michigan District Office  
Closed Date: Not reported  
Owner Contact : Not reported  
Owner Name : Richard & J.Mandogian Foundation  
Owner Address : 21001 Van Born Rd  
Taylor, MI 48180  
Country : USA  
Owner Phone : (313) 274-7400  
Contact : BRYAN J HUGHES  
Facility Phone : (313) 792-6032

UST:

Facility ID: 00040129  
Tank ID: 1  
Owner: Richard & J.Mandogian Foundation  
Owner Address: 21001 Van Born Rd  
Taylor, MI 48180  
Owner Phone: (313) 274-7400  
Product: Gasoline,Diesel  
Capacity: 1000  
Tank Status: Removed from Ground  
Constr Material: Asphalt Coated or Bare Steel  
Piping Material: Unknown  
Piping Type: Not reported  
Contact: BRYAN J HUGHES  
Contact Phone: (313) 792-6032  
Impressed DeviceNo  
Install Date: Not reported  
Release Detection:  
Tank: Not reported  
Pipe: Not reported

Facility ID: 00040129  
Tank ID: 2  
Owner: Richard & J.Mandogian Foundation  
Owner Address: 21001 Van Born Rd  
Taylor, MI 48180  
Owner Phone: (313) 274-7400  
Product: Gasoline,Diesel  
Capacity: 1000  
Tank Status: Removed from Ground  
Constr Material: Asphalt Coated or Bare Steel  
Piping Material: Unknown  
Piping Type: Not reported  
Contact: BRYAN J HUGHES  
Contact Phone: (313) 792-6032  
Impressed DeviceNo  
Install Date: Not reported  
Release Detection:  
Tank: Not reported  
Pipe: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B3**  
**East**  
**< 1/8**  
**526 ft.**  
**WOODWARD & GARFIELD**  
**4454-4466 WOODWARD AVENUE**  
**DETROIT, MI 48201**

**BEA** **S104911578**  
**N/A**

**Site 2 of 2 in cluster B**

**Relative:**  
**Equal**

**BEA:**

Petition Disclosure: 1  
BEA Number: 524  
District: Southeast MI  
Date Received: 01/22/98  
Submitter Name: WOODWARD & GARFIELD  
Petition Determination: Affirmed  
Category: No Hazardous Substance(s)  
Determination 20107A: Pending  
Reviewer: thomask  
Division Assigned: Environmental Response Division

**Actual:**  
**625 ft.**

**A4**  
**NNE**  
**< 1/8**  
**533 ft.**  
**MOBIL OIL CORP DE7**  
**4661 WOODWARD AND FOREST**  
**DETROIT, MI 48201**

**RCRIS-SQG** **1000529171**  
**FINDS** **MID985616044**

**Site 2 of 4 in cluster A**

**Relative:**  
**Higher**

**RCRIS:**

Owner: MOBIL OIL CORPORATION  
(703) 849-3330  
EPA ID: MID985616044  
Contact: DAN HORTON  
(703) 849-3330

**Actual:**  
**627 ft.**

Classification: Small Quantity Generator  
TSDF Activities: Not reported

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 1999

<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	14770.14

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

**C5**  
**SSW**  
**< 1/8**  
**535 ft.**  
**GREENBERG INVESTMENT CO**  
**4405 CASS AVE**  
**DETROIT, MI 48325**

**LUST** **U001147889**  
**UST** **N/A**

**Site 1 of 3 in cluster C**

**Relative:**  
**Lower**

**LUST:**

Facility ID: 00036449  
Release Number: C-1833-92  
Release Date: Oct 19 1992  
Facility Status: Closed  
District: SE Michigan District Office  
Closed Date: Nov 7 1994  
Owner Contact : Not reported

**Actual:**  
**624 ft.**