

## **GIS Registry Disclaimer**

This case was closed by the DNR prior to August 1, 2002, when DNR began adding approved cleanups with residual soil contamination into the GIS Registry. Certain documents that are currently required by ch. NR 726, Wis. Adm. Code may therefore not be included in this packet as they were unavailable at the time the original case was closed.

The information contained in this document was assembled by DNR from a previously closed case file, and added to the GIS Registry to provide the public with information on closed sites with residual soil and/or groundwater contamination remaining above applicable state standards.

# GIS REGISTRY

## Cover Sheet

July, 2008  
(RR 5367)

### Source Property Information

BRRTS #:

ACTIVITY NAME:

PROPERTY ADDRESS:

MUNICIPALITY:

PARCEL ID #:

CLOSURE DATE:

FID #:

DATCP #:

COMM #:

#### \*WTM COORDINATES:

X:  Y:

*\* Coordinates are in  
WTM83, NAD83 (1991)*

#### WTM COORDINATES REPRESENT:

- Approximate Center Of Contaminant Source  
 Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

#### Contaminated Media:

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property")*

Soil Contamination > \*RCL or \*\*SSRCL (232)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property")*

#### Land Use Controls:

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations  
between residential and industrial levels)*

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

*(note: maintenance plan for  
groundwater or direct contact)*

Vapor Mitigation (226)

Maintain Liability Exemption (230)

*(note: local government or economic  
development corporation)*

Monitoring wells properly abandoned? (234)

Yes  No  N/A

*\* Residual Contaminant Level*

*\*\*Site Specific Residual Contaminant Level*

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

**NOTICE: Completion of this form is mandatory** for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-13-218462 PARCEL ID #: 60-0810-334-0106-9 & 60-0810-331-0301-1

ACTIVITY NAME: SAMUELS RECYCLING WTM COORDINATES: X: 576326 Y: 293758

**CLOSURE DOCUMENTS** (the Department adds these items to the final GIS packet for posting on the Registry)

- Closure Letter**
- Maintenance Plan** (if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)
- Conditional Closure Letter**
- Certificate of Completion (COC)** for VPLE sites

**SOURCE LEGAL DOCUMENTS**

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.  
*Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).  
**Figure #:**                      **Title:**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

**MAPS** (meeting the visual aid requirements of s. NR 716.15(2)(h))

- Maps must be no larger than 8.5 x 14 inches unless the map is submitted electronically.
- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.  
*Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*  
**Figure #:**                      **Title:**
  - Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
**Figure #:**                      **Title: Site Features & Facility Access Map**
  - Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
**Figure #:**                      **Title: Attached Map, oversized**

BRRTS #: 02-13-218462

ACTIVITY NAME: SAMUELS RECYCLING

**MAPS (continued)**

- Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

**Figure #:**                      **Title:**

**Figure #:**                      **Title:**

- Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.

**Note:** This is intended to show the total area of contaminated groundwater.

**Figure #:**                      **Title:**

- Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

**Figure #:**                      **Title: Water Table Map**

**Figure #:**                      **Title:**

**TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))**

Tables must be no larger than 8.5 x 14 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

- Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.  
**Note:** This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

**Table #: 1                      Title: Historic Fluff Storage Facility Soil Sampling Results**

- Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

**Table #: 3                      Title: Summary of Chemical Analysis of Groundwater**

- Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

**Table #:                      Title:**

**IMPROPERLY ABANDONED MONITORING WELLS**

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

**Note:** If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

- Not Applicable**

- Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

**Note:** If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

**Figure #:**                      **Title:**

- Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

- Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

- Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 02-13-218462

ACTIVITY NAME: SAMUELS RECYCLING

## NOTIFICATIONS

### Source Property

- Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

### Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

- Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.  
**Note:** Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.

#### Number of "Off-Source" Letters:

- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.
- Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.  
**Note:** If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.

- Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

#### Number of "Governmental Unit/Right-Of-Way Owner" Letters:



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
Ruthe E. Badger, Regional Director

file  
South Central Region Headquarters  
3911 Fish Hatchery Road  
Fitchburg, Wisconsin 53711-5397  
Telephone 608-275-3266  
FAX 608-275-3338  
TDD 608-275-3231

December 22, 1999

Mr. John Dulin  
Samuels Recycling  
P.O. Box 8800  
Madison, WI 53708

File Ref: FID#113111460  
Dane Co. S/HW  
Compliance

Subject: Closure of Samuels Recycling, Historic Shredder Fluff Storage Area, 4400 Sycamore Avenue, Madison Wisconsin

Dear Mr. Dulin:

On April 12, 1999, your site was reviewed for closure by the South Central Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On May 13, 1999, you were notified that the Closure Committee had granted conditional closure to this case.

On December 15, 1999, the Department received documentation that the Dane County Register of Deeds has recorded a deed restriction for residual lead contamination at the site. Based on the correspondence and data provided, it appears that your site has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

However, please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

Information regarding compliance with the terms of Consent Order Number SOD-89-13b will be mailed to you shortly.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at the number below.

Sincerely,

Linda Hanefeld  
Hydrogeologist  
(608) 275-3298

cc: Richard Pitzner, Murphy and Desmond, 2 E. Millin St., Ste. 800, Madison, WI 53701-2038  
Bruce Iverson, Montgomery Watson, P.O. Box 5385, Madison, WI 53705-0385  
Gary Bachus, Samuels Recycling



Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
Ruthe E. Badger, Regional Director

South Central Region Headquarters  
3911 Fish Hatchery Road  
Fitchburg, Wisconsin 53711-5397  
Telephone 608-275-3266  
FAX 608-275-3338  
TDD 608-275-3231

May 13, 1999

Mr. John Dulin  
Samuels Recycling  
P.O. Box 8800  
Madison, WI 53708

File Ref: FID#113111460  
Dane Co. S/HW  
Compliance  
02-13-218462

Subject: Conditional Site Closure: Samuels Recycling, Historic Shredder Fluff Storage Facility,  
4400 Sycamore Avenue, Madison, Dane County

Dear Mr. Dulin:

On January 13, 1999, the Department received a document entitled "Request for Site Closure, Historic Fluff Storage Facility..." submitted on behalf of Samuels Recycling by Montgomery Watson. The document detailed the remedial activities performed at the former historic shredder fluff storage area located along the south side of Sycamore Avenue, in the vicinity of 4400 Sycamore Avenue, the Samuels Recycling facility address. These actions were taken to fulfill requirements outlined in section G.2. of Consent Order Number SOD-89-13b, an agreement reached between Samuels Recycling and this Department. Based upon the information provided, a closure request was made. On April 14, 1999, our Department received a check in the amount of \$750.00 for the closure review fee.

On April 12, 1999, the South Central Region Closure Committee reviewed your request for closure of the historic shredder fluff storage site. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. The contamination on the site property appears to have been remediated to the extent practicable under site conditions. Your case will be granted closure under s. NR 726.05, Wis. Adm. Code, when the following conditions have been met.

**DEED RESTRICTION FOR CONTAMINATED SOIL:** The closure committee has required that a deed restriction be prepared and filed to address the issue of the remaining soil contamination associated with the site. The site contains lead levels between the current allowable non-industrial and industrial residual contaminant levels as described in s. NR720.11, Wis. Adm. Code (between 50 and 500 ppm lead). The deed is to be restricted to reflect the industrial clean-up standard has been achieved. If site conditions change in the future and this residual contaminated soil is excavated, the property owner at that time will be required to sample and analyze the excavated soil in order to determine whether the contamination still remains. Depending upon the results of that characterization, the owner may also have to properly store, treat, or dispose of any excavated materials, and/or take special precautions during excavation activities to prevent a direct contact threat to humans.

To assist us in the preparation of the deed restriction, you must submit a copy of the property deed to me within 30 days of the date of this letter. This information will be used to prepare a draft deed restriction that will be sent to you for review. If you approve of its content, you will sign it, have it recorded by the Dane County Register of Deeds, and submit a copy with the proof of filing to the Department.

When the deed restriction has been properly filed, a final case closure letter will be sent to you. After receipt of the final closure letter, please contact Ms. Colleen Hellenbrand of our Department for the release of the remaining proof of financial responsibility for this site.

MONITORING WELL ABANDONMENT: Mr. Bruce Iverson of Montgomery Watson and I have discussed monitoring well abandonment at the Samuels Recycling facility. Mr. Iverson has expressed Samuels' desire to maintain the monitoring wells currently on-site. The Department is requiring that monitoring well integrity be maintained until such time as the wells are abandoned. At that time, the monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to us on forms provided by the Department.

Please be aware that the site case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at the address listed above or at the number shown below.

Sincerely,



Linda Hanefeld  
Waste Management Specialist  
(608) 275-3298

cc: Bruce Iverson, Montgomery Watson, P.O. Box 5385, Madison, WI 53705-0385  
Gary Bachus, Samuels Recycling  
Richard Pitzner, Murphy and Desmond, P.O. Box 2038, Madison, WI 53701  
WA/3 - File Copy

Document Number

DEED RESTRICTION

DANE COUNTY  
REGISTER OF DEEDS

**3171195**

11-12-1999 9:04 AM

Trans. Fee

Rec. Fee 16.00  
Pages 4

**. 000001**

Declaration of Restrictions

In Re: Parcel I and Parcel IV as described on the attached Exhibit A, also known as 4301 and 4402 Sycamore Avenue, City of Madison, Wisconsin

STATE OF WISCONSIN )  
 ) ss  
COUNTY OF DANE )

WHEREAS, Samuels Recycling Company is the owner of the above-described property.

WHEREAS, one or more lead discharges have occurred on this property. Lead contaminated soil above the non-industrial residual contaminant level in s. NR720.11, Table 2, Wis. Adm. Code, remains on this property at the following location(s): the site formerly used for storage of historic shredder fluff and wash tank mud. Exhibit B shows a map of the area where residual contamination remains identified as the "approximate limits of historic fluff storage facility." This is attached hereto and made a part of this restriction.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further soil remediation activities on the property at the present time.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

The property described above may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless (at the time that the non-industrial use is proposed) an investigation is conducted to determine the degree and extent of lead contamination that remains on the property and remedial action is taken as necessary to meet all applicable non-industrial soil cleanup standards. If contaminated soil that remains on the property is excavated in the future, it will have to be sampled and analyzed and the treatment or disposal of the soil as a solid or hazardous waste may be necessary.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by

Recording Area

Name and Return Address

Attorney Richard Pitzner  
Murphy & Desmond SC  
PO Box 2038  
Madison, WI 53701-2038

60-0810-334-0106-9

60-0810-331-0301-1

Parcel Identification Number (PIN)

4/16

descent, devise, purchase or otherwise. This restriction inures to the benefit of and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

000002

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded by the property owner or other interested party to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 9<sup>th</sup> day of November, 1999.

Signature: *John A. Dulin*  
Printed Name: John Dulin

Subscribed and sworn to before me  
this 9<sup>th</sup> day of November, 1999.

*Michael J. Seelhoff*  
Notary Public, State of WI  
My commission 1-27-2002

This document was drafted by the Wisconsin Department of Natural Resources.

KNOWN AS 4301 & 4402 SYCAMORE AVENUE, CITY OF MADISON, WISCONSIN.

PARCEL 1

LOT ONE (1) OF CERTIFIED SURVEY MAP NO. 3609 RECORDED IN THE DANE COUNTY REGISTER OF DEEDS OFFICE IN VOLUME 14 OF CERTIFIED SURVEY MAPS, PAGE 256, AS DOCUMENT NO. 1692284, IN THE CITY OF MADISON, DANE COUNTY, WISCONSIN.

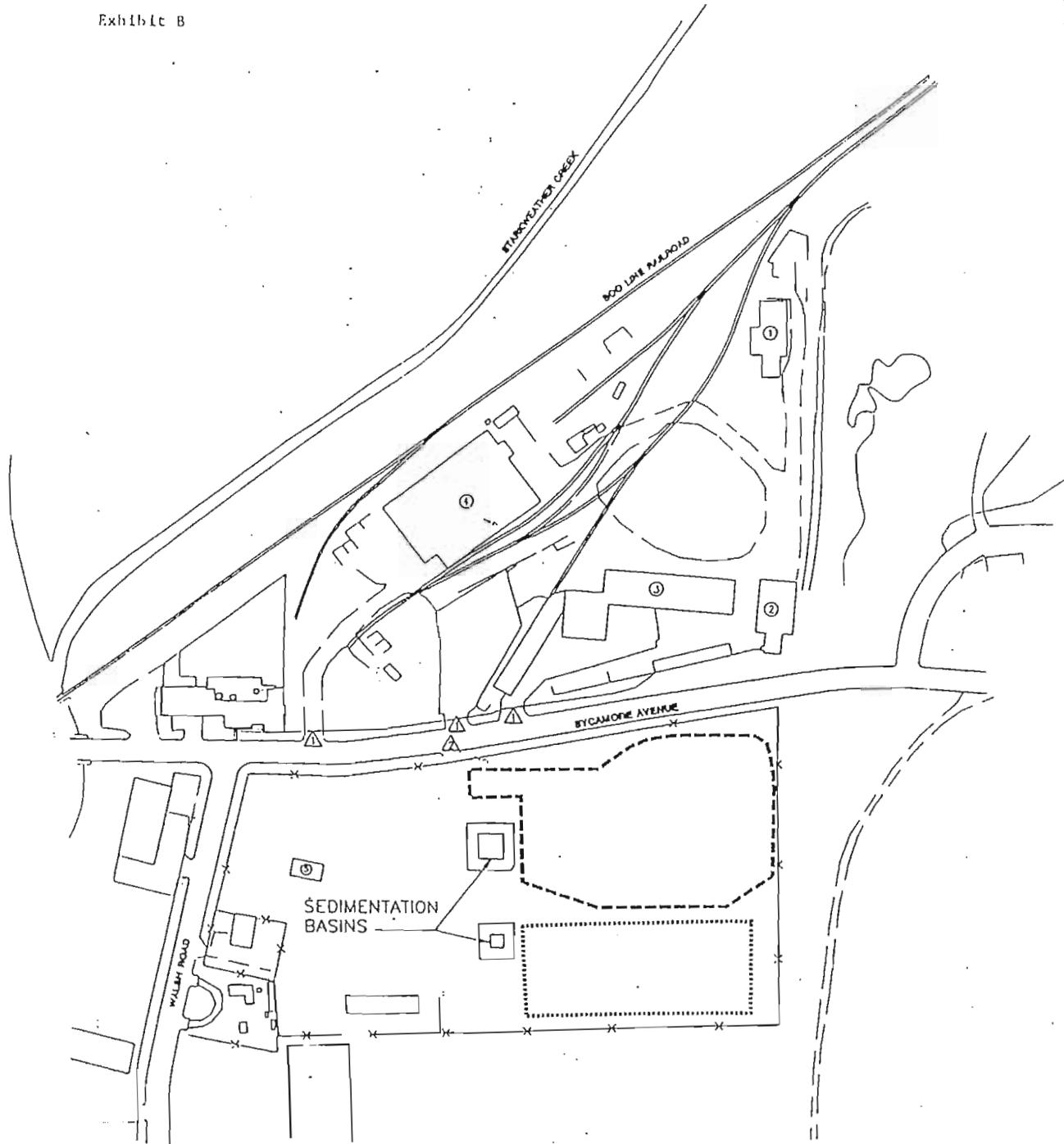
ALSO PART OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 33, TOWNSHIP 8 NORTH, RANGE 10 EAST, IN THE CITY OF MADISON, DANE COUNTY, WISCONSIN, WHICH IS MORE FULLY DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 33; THENCE SOUTH ALONG THE WEST LINE OF SAID NORTHEAST 1/4 OF THE SOUTHEAST 1/4 FOR A DISTANCE OF 33.0 FEET; THENCE EAST FOR A DISTANCE OF 400.0 FEET TO THE EAST LINE OF A PROPOSED 60.0 FOOT RIGHT-OF-WAY AND THE POINT OF BEGINNING OF THIS DESCRIPTION; THENCE CONTINUE EAST FOR A DISTANCE OF 122.5 FEET; THENCE SOUTH AT RIGHT ANGLES FOR A DISTANCE OF 162.4 FEET; THENCE NORTH 77° 30' WEST FOR A DISTANCE OF 160.0 FEET; THENCE NORTH 14° 45' EAST ALONG THE SOUTHEASTERLY LINE OF SAID PROPOSED 60.0 FOOT RIGHT-OF-WAY FOR A DISTANCE OF 132.1 FEET TO THE POINT OF BEGINNING, EXCEPT THEREFROM THOSE LANDS TRANSFERRED TO THE CITY OF MADISON, BY A DOCUMENT DATED OCTOBER 18, 1965 AND RECORDED OCTOBER 20, 1965 IN VOLUME 808 OF DEEDS, PAGE 239, AS DOCUMENT NO. 1145285 WITH THE DANE COUNTY REGISTER OF DEEDS, TO-WIT: PART OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 33, TOWNSHIP 8 NORTH, RANGE 10 EAST, IN THE CITY OF MADISON, DANE COUNTY, WISCONSIN, MORE FULLY DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 33, TOWNSHIP 8 NORTH, RANGE 10 EAST, IN THE CITY OF MADISON, DANE COUNTY, WISCONSIN; THENCE EAST 400 FEET ALONG THE NORTH LINE OF THE NORTHEAST 1/4 OF THE SAID SOUTHEAST 1/4; THENCE SOUTH 33 FEET TO THE POINT OF BEGINNING OF THE PROPERTY TO BE DESCRIBED; SAID POINT ALSO BEING THE NORTHWEST CORNER OF THE PROPERTY CONVEYED TO MADISON CRUSHING AND EXCAVATING CO., INC. AS DESCRIBED IN VOLUME 672 OF DEEDS, PAGE 498 AND RECORDED IN THE DANE COUNTY REGISTER OF DEEDS OFFICE; THENCE EAST 122.5 FEET ALONG A LINE THAT IS PARALLEL TO AND 33 FEET SOUTH OF MEASURED AT RIGHT ANGLES TO THE NORTH LINE OF THE SAID SOUTHEAST 1/4. SAID POINT ALSO BEING THE NORTHEAST CORNER OF THE PROPERTY AS DESCRIBED IN SAID VOLUME 672; THENCE SOUTH 20.47 FEET ALONG THE WEST LINE OF THE SAID PROPERTY; THENCE NORTH 87° 08' WEST, 104.28 FEET TO A POINT OF CURVE; THENCE ON A CURVE TO THE LEFT CONVEX TO THE NORTHWEST HAVING A RADIUS OF 25 FEET AND A LONG CHORD THAT BEARS SOUTH 56° 40' WEST, 29.52 FEET TO A POINT IN THE EAST LINE OF WALSH ROAD; THENCE NORTH 14° 45' EAST, 34.27 FEET ALONG THE SAID EAST LINE TO THE POINT OF BEGINNING, ALSO EXCEPT LAND SET FORTH IN WARRANTY DEED, RECORDED DECEMBER 30, 1997, AS DOCUMENT NO. 2919474, RE-RECORDED APRIL 21, 1998, AS DOCUMENT NO. 2959374.

PARCEL IV:

PART OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 33, TOWNSHIP 8 NORTH, RANGE 10 EAST, IN THE CITY OF MADISON, DANE COUNTY, WISCONSIN, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4; THENCE SOUTH ALONG THE WEST LINE OF SAID NORTHEAST 1/4 OF THE SOUTHEAST 1/4, 33 FEET; THENCE EAST 400 FEET TO THE EAST LINE OF A 30 FOOT RIGHT OF WAY; THENCE SOUTH 14°45' WEST ALONG SAID EAST LINE OF RIGHT OF WAY 132.1 FEET TO THE POINT OF BEGINNING OF THIS DESCRIPTION; THENCE CONTINUE SOUTH 14°45' WEST ALONG THE SAID EAST LINE OF RIGHT OF WAY 135 FEET; THENCE SOUTH 77°30' EAST 160 FEET; THENCE NORTH 14°45' EAST 135 FEET; THENCE NORTH 77°30' WEST 160 FEET TO THE POINT OF BEGINNING.

Exhibit B

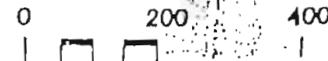


**LEGEND**

-  CHAIN LINK FENCE
-  BUILDING
-  SHREDDER
-  MAINTENANCE BUILDING
-  WAREHOUSE
-  MAIN OFFICE / WAREHOUSE
-  INACTIVE MAINTENANCE BUILDING
-  ENTRANCE / EXIT TO SAMUELS RECYCLING COMPANY
-  ENTRANCE / EXIT TO FLUFF STORAGE AREA
-  RAILROAD TRACK / SPUR LINE
-  APPROXIMATE LIMITS OF HISTORIC FLUFF STORAGE FACILITY
-  LOCATION OF NEW FLUFF STORAGE FACILITY

**NOTE**

1. BASE MAP REVISED FROM AN AERIAL SURVEY PERFORMED BY K.B.M. INC. ON DECEMBER 11, 1989. MODIFICATIONS HAVE BEEN MADE BY WARZYN ENGINEERING INC. BASED ON FIELD OBSERVATIONS.



Drawing By: *BAI* Drawn By: JS/DLE  
 Approved By: *David W. Hall* Date: 6/16/93  
 Reference: 1544011B1  
 Revision:

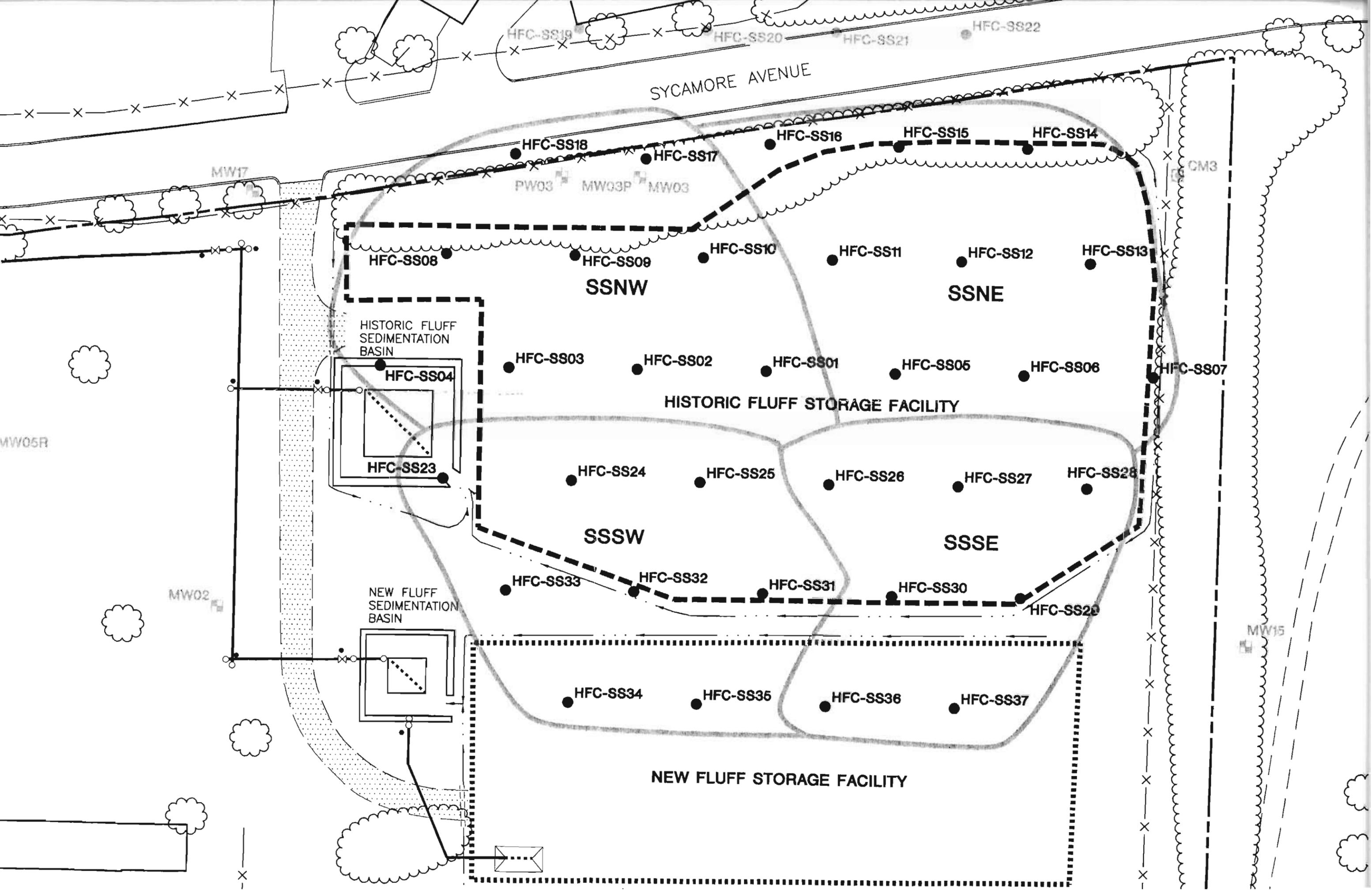
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SITE FEATURES & FACILITY ACCESS MAP  
 EMERGENCY PLAN  
 SAMUELS RECYCLING COMPANY  
 4400 BYCAMORE AVENUE  
 MADISON, WISCONSIN

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Drawing Number  
 1544011 B5

000004



This document has been developed for a specific application and may not be used without the written approval of Montgomery Watson.

QUALITY CONTROL

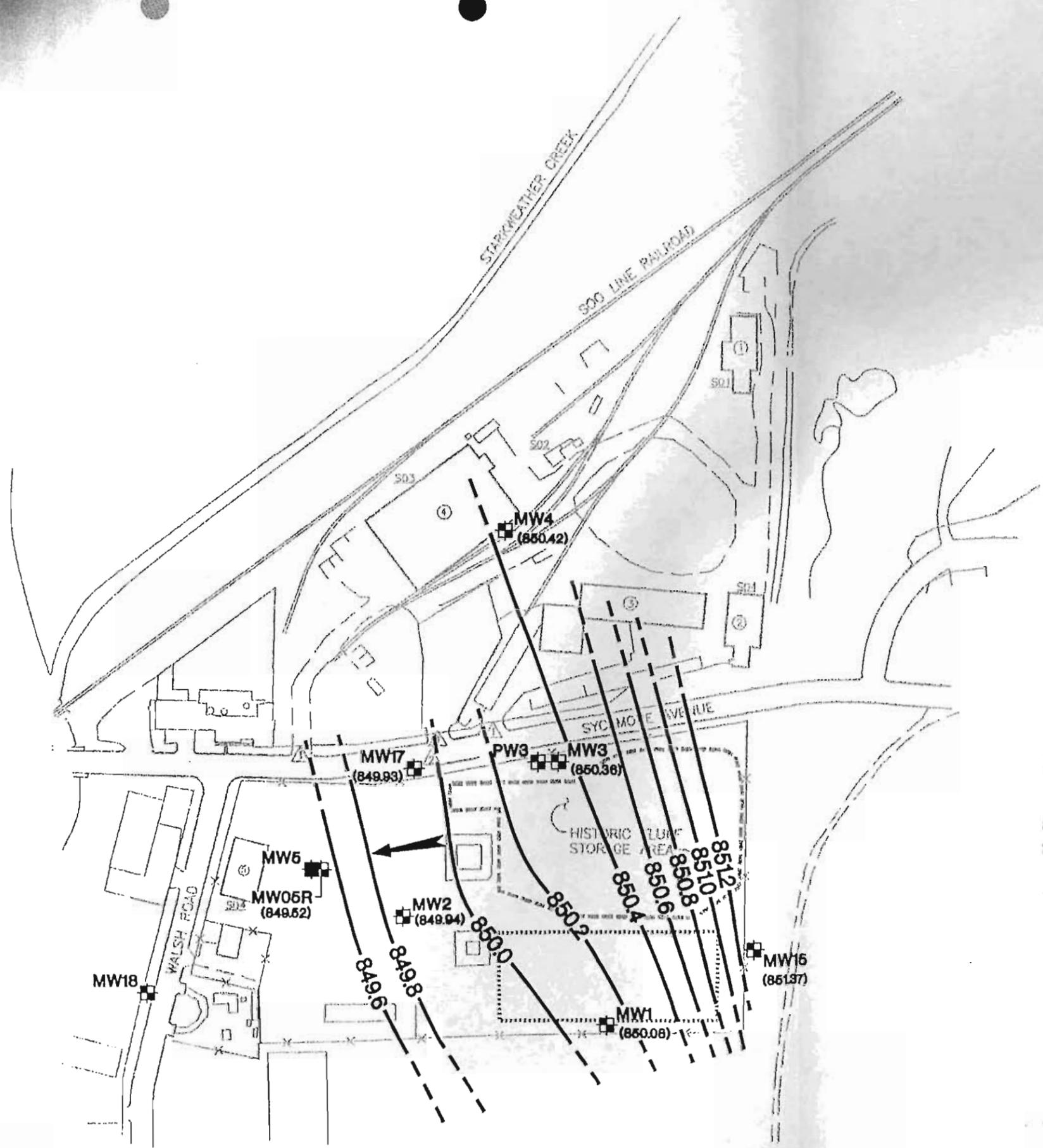
Graphic Standards DLF  
Lead Professional MDP

12-29-98  
12-31-98

Technical Review  
Project Manager BAU

1-4-99

Management Review  
Other

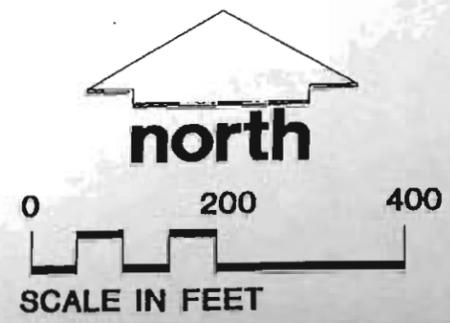


**LEGEND**

- CHAIN LINK FENCE
- BUILDING
- SHREDDER
- MAINTENANCE BUILDING
- WAREHOUSE
- MAIN OFFICE / WAREHOUSE
- TRUCK GARAGE
- STACK ID
- ENTRANCE / EXIT TO SAMUELS RECYCLING COMPANY
- ENTRANCE / EXIT TO FLUFF STORAGE AREA
- RAILROAD TRACK / SPUR LINE
- APPROXIMATE LIMITS OF HISTORIC FLUFF STOCKPILE
- LOCATION OF NEW FLUFF STORAGE FACILITY
- MW1 (850.08) MONITORING WELL LOCATION, NUMBER, AND WATER TABLE ELEVATION
- PW3 PIEZOMETER WELL LOCATION AND NUMBER
- MW5 ABANDONED MONITORING WELL LOCATION AND NUMBER
- 850.0 WATER TABLE CONTOUR (CONTOUR INTERVAL: 0.2 FT, DASHED WHERE INFERRED)
- DIRECTION OF GROUNDWATER FLOW

**NOTE**

1. BASE MAP DEVELOPED FROM AN AERIAL SURVEY PERFORMED BY K.B.M., INC. ON DECEMBER 11, 1989. MODIFICATIONS HAVE BEEN MADE BY WARZYN ENGINEERING, INC. BASED ON FIELD OBSERVATIONS.
2. WATER TABLE ELEVATIONS OBTAINED BY MONTGOMERY WATSON ON OCTOBER 7, 1998.
3. WELL MW5 WAS ABANDONED ON NOVEMBER 2, 1994 AND REPLACED WITH WELL MW05R ON NOVEMBER 21, 1994.



WATER TABLE MAP (OCTOBER 7, 1998)

SAMUELS RECYCLING COMPANY  
4400 SYCAMORE AVENUE  
MADISON, WISCONSIN

Drawing Number  
1242047  
01090010

**MONTGOMERY WATSON**

Developed By MDP  
Approved By *Don* Date 1-5-99  
Reference  
Revisions

Drawn By LCL

**Table 1**  
**Historic Fluff Storage Facility Soil Sampling Results**  
**Samuels Recycling Company**  
**4400 Sycamore Avenue**  
**Madison, Wisconsin**

Cleanup Standards <u>Composite:</u>		Lead (mg/kg)		Cadmium (mg/kg)		Total PCBs (mg/kg)	
		Upper Limit	Lower Limits				
		709		723		35.5	
		101 (7 sample)		103 (7 sample)		5.08 (7 sample)	
		88.6 (8 sample)		90.4 (8 sample)		4.44 (8 sample)	
		78.8 (9 sample)		80.3 (9 sample)		3.94 (9 sample)	
<u>Individual:</u>							
Industrial		500 <sup>(1)</sup>		510 <sup>(1)</sup>		25 <sup>(2)</sup>	
Sample Designation	Sample Type	8/11/98	10/6/98 or 10/14/98	8/11/98	10/6/98 or 10/14/98	8/11/98	10/6/98 or 10/14/98
SSNW	Comp	1980**	224*	14.1	2.65	8.56*	1.39
SS01	Ind		32.9				
SS02	Ind		42.4				
SS03	Ind		19.1				
SS08	Ind		870**				
SS09	Ind		18.3				
SS10	Ind		18.6				
SS17	Ind		198				
SS18	Ind		499				
SSNE	Comp	653*	169*	8.04	2.39	5.94*	1.73
SS04	Ind		16.6				
SS05	Ind		24.4				
SS06	Ind		12.6				
SS07	Ind		25.5				
SS11	Ind		130				
SS12	Ind		59.9				
SS13	Ind		46.6				
SS14	Ind		112				
SS15	Ind		13.3				
SS16	Ind		377				
SSSE	Comp	323*	266*	8.48	3.86	3.65	1.4
SS23	Ind	45	71.6				
SS24	Ind	770**	60.1				
SS25	Ind	63.8	299				
SS31	Ind	106	670**				
SS32	Ind	321	337				
SS33	Ind	253	222				
SS34	Ind	242	1000**				
SS35	Ind	0.365	28.3				
SSSW	Comp	159*	296*	3.04	2.24	1.05	1.2
SS26	Ind	1710**	721**				
SS27	Ind	164	30				
SS28	Ind	47.9	37.8				
SS29	Ind	373	489				
SS30	Ind	6240**	164				
SS36	Ind	31.4	94.1				
SS37	Ind	71.4	110				
SSWA	Comp		390		4.25		1.6

**Table 1**  
**Historic Fluff Storage Facility Soil Sampling Results**  
**Samuels Recycling Company**  
**4400 Sycamore Avenue**  
**Madison, Wisconsin**

		Lead (mg/kg)	Cadmium (mg/kg)	Total PCBs (mg/kg)
<b>Cleanup Standards</b>				
<u>Composite:</u>				
	Upper Limit	709	723	35.5
	Lower Limits	101 (7 sample) 88.6 (8 sample) 78.8 (9 sample)	103 (7 sample) 90.4 (8 sample) 80.3 (9 sample)	5.08 (7 sample) 4.44 (8 sample) 3.94 (9 sample)
<u>Individual:</u>				
	Industrial	500 <sup>(1)</sup>	510 <sup>(1)</sup>	25 <sup>(2)</sup>
<b>Other Samples</b>				
		<u>8/26/98</u>		
SS03-6"	Ind	43.8		
SS03-12"	Ind	38		
SS03-18"	Ind	18.5		
SS03-24"	Ind	4.45		
SS06-6"	Ind	17.7		
SS06-12"	Ind	27.4		
SS06-18"	Ind	20.9		
SS06-24"	Ind	10.6		
		<u>9/30/98</u>		
SS30(0-6")	TCLP lead	0.943 mg/L		
		<u>11/23/98</u>	<u>12/4/98</u>	
SS08	Ind	927**	39.9	
SS26	Ind	86.1*		
SS31	Ind	36.5		
SS34	Ind	10.5		

Legend:

- \* : Concentration exceeds lower limit for composite sample (lower limit varies, depending on whether the composite was made up of 7, 8, or 9 individual samples)  
 \*\* : Concentration exceeds upper limit for composites or industrial standard for individual samples  
 Ind: individual sample  
 Comp: composite sample  
 TCLP: Toxicity Characteristic Leaching Procedure sample

Notes:

- Composite samples made up of the following individual samples:  
 SSNE: HFC-SS05, 06, 07, 11, 12, 13, 14, 15, 16 (9 sample)  
 SSNW: HFC-SS01, 02, 03, 04, 08, 09, 10, 17, 18 (9 sample)  
 SSSW: HFC-SS23, 24, 25, 31, 32, 33, 34, 35 (8 sample)  
 SSSE: HFC-SS26, 27, 28, 29, 30, 36, 37 (7 sample)  
 SSWA: HFC-SS23, 24, 25, 31, 32, 33
- A blank cell indicates compound not analyzed
- Upper and lower limit for composite samples calculated using methods outlined in EPA document, "Verification of PCB Spill Cleanup by Sampling and Analysis"

Footnotes:

- (1) Ch. NR 720: Wisconsin Administrative Code, Chapter 720 industrial standard
- (2) Closure Plan PCB standard

**Table 2**  
**Historic Fluff Storage Facility Remaining Concentrations**  
**Samuels Recycling Company**  
**4400 Sycamore Avenue**  
**Madison, Wisconsin**

	Lead (mg/kg)	Cadmium <sup>(3)</sup> (mg/kg)	Total PCBs <sup>(3)</sup> (mg/kg)
<b>Cleanup Standards</b>			
<b>Composite:</b>			
Upper Limit	709	723	35.5
Lower Limit	101 (7 sample) 88.6 (8 sample) 78.8 (9 sample)	103 (7 sample) 90.4 (8 sample) 80.3 (9 sample)	5.08 (7 sample) 4.44 (8 sample) 3.94 (9 sample)
<b>Individual:</b>			
Industrial	500 <sup>(1)</sup>	510 <sup>(1)</sup>	25 <sup>(2)</sup>
<b>Sample Designation</b>			
SS01	32.9	2.65	1.39
SS02	42.4	2.65	1.39
SS03	19.1	2.65	1.39
SS04	16.6	2.39	1.73
SS05	24.4	2.39	1.73
SS06	12.6	2.39	1.73
SS07	25.5	2.39	1.73
SS08 <sup>(4)</sup>	39.9	2.65	1.39
SS09	18.3	2.65	1.39
SS10	18.6	2.65	1.39
SS11	130	2.39	1.73
SS12	59.9	2.39	1.73
SS13	46.6	2.39	1.73
SS14	112	2.39	1.73
SS15	13.3	2.39	1.73
SS16	377	2.39	1.73
SS17	198	2.65	1.39
SS18	499	2.65	1.39
SS23	71.6	3.86	1.40
SS24	60.1	3.86	1.40
SS25	299	3.86	1.40
SS26 <sup>(4)</sup>	86.1	2.24	1.20
SS27	30	2.24	1.20
SS28	37.8	2.24	1.20
SS29	489	2.24	1.20
SS30	164	2.24	1.20
SS31 <sup>(4)</sup>	36.5	3.86	1.40
SS32	337	3.86	1.40
SS33	222	3.86	1.40
SS34 <sup>(4)</sup>	10.5	3.86	1.40
SS35	28.3	3.86	1.40
SS36	94.1	2.24	1.20
SS37	110	2.24	1.20

**Notes:**

- Upper and lower limit for composite samples calculated using methods outlined in EPA document, "Verification of PCB Spill Cleanup by Sampling and Analysis." Lower limit varies, depending on whether the composite was made up of 7, 8, or 9 individual samples.

**Footnotes:**

- Ch. NR 720: Wisconsin Administrative Code, Chapter 720 industrial standard
- Closure Plan PCB standard
- Concentrations shown for cadmium and total PCBs is based on composite, not individual, result
- Additional soil has been scraped in these areas subsequent to composite analysis for cadmium and total PCBs. Therefore, remaining concentrations of these compounds will likely be less than that shown.

TABLE 3

Summary of Chemical Analysis of Groundwater  
 October 1991 to September 1997  
 Fluff Storage Facilities  
 Samuels Recycling Company  
 4400 Sycamore Avenue  
 Madison, Wisconsin

Analyte	MWI											NR 140 Standard <sup>(1)</sup>	
	10-24-91	11-26-91	12-27-91	3-22-93	9-14-93	3-29-94	9-20-94	9-12-95	9-10-96	9-16-97	10-7-98	ES	PAL
<b>A. Metals (ug/L)</b>													
Arsenic	X	X	X	X	X	X	X	X	X	X	X	50	5
Barium	160	X	140	100	100	90	100	90	80	92	102	2,000	400
Cadmium	X	0.5	X	1.0*	0.3	0.7*	X	X	X	0.12 <sup>(3)</sup>	X	5	0.5
Chromium	1.7	0.4	1.1	NA	NA	100	10						
Lead	X	X	X	X	X	X	X	X	X	X	X	15	1.5
Mercury	X	X	X	NA	NA	2	0.2						
Selenium	X	X	X	X	X	X	X	X	X	X	X	50	10
Silver	X	X	X	NA	NA	50	10						
<b>B. PCBs (ug/L)<sup>(2)</sup></b>													
	X	X	X	NA	X	NA	X	X	X	X	X	0.03	0.003
<b>C. VOCs (ug/L)</b>													
Benzene	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
1,1-Dichloroethane	X	X	X	NA	X	NA	X	X	X	X	X	850	85
1,2-Dichloroethane	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
cis-1,2-Dichloroethene	X	3.3	X	NA	X	NA	X	X	X	X	X	70	7
trans-1,2-Dichloroethene	X	X	X	NA	X	NA	X	X	X	X	X	100	20
Tetrachloroethene	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
Toluene	X	X	X	NA	X	NA	X	X	X	X	X	343	68.6
Trichloroethene	X	4.1*	X	NA	X	NA	X	X	X	X	X	5	0.5
Trichlorofluoromethane	X	6.5	1.8	NA	NA	NA	X	X	X	X	X	3490	698
Vinyl chloride	X	X	X	NA	X	NA	X	X	X	X	X	0.1	0.01
<b>D. Indicator Parameters (mg/L)</b>													
Chloride	10	46	16	17	20	19	24	NA	NA	NA	NA	250	125
Sulfate	45	15	44	NA	NA	250	125						
Iron	0.94*	X	X	X	X	X	X	NA	NA	NA	NA	0.3	0.15
Manganese	0.20*	0.03*	X	X	X	X	X	NA	NA	NA	NA	0.05	0.025

TABLE 3

Analyte	MW2											NR 140 Standard(1)	
	10-24-91	11-26-91	12-27-91	3-22-93	9-14-93	3-29-94	9-20-94	9-12-95	9-10-96	9-16-97	10-7-98	ES	PAL
<b>A. Metals (ug/L)</b>													
Arsenic	12*	9.0*	8.0*	13*	8*	10*	12*	11*	6*	9*	X	50	5
Barium	480*	320*	400*	510*	440*	460*	360	430*	310	285	129	2000	400
Cadmium	X	0.6	X	X	0.3	X	0.2	X	X	X	X	5	0.5
Chromium	0.6	0.6	0.4	NA	100	10							
Lead	X	X	X	X	X	X	X	X	X	X	X	15	1.5
Mercury	0.7*	X	X	NA	2	0.2							
Selenium	X	X	X	X	X	X	X	X	X	X	X	50	10
Silver	X	X	X	NA	30	10							
<b>B. PCBs (ug/L)(2)</b>													
	X	X	X	NA	X	NA	X	X	X	X	X	0.03	0.003
<b>C. VOCs (ug/L)</b>													
Benzene	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
1,1-Dichloroethane	X	X	X	NA	X	NA	X	X	X	X	X	850	85
1,2-Dichloroethane	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
cis-1,2-Dichloroethene	X	X	X	NA	X	NA	X	X	X	X	X	70	7
trans-1,2-Dichloroethene	X	X	X	NA	X	NA	X	X	X	X	X	100	20
Tetrachloroethene	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
Toluene	X	X	X	NA	X	NA	X	X	X	X	X	343	68.6
Trichloroethene	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
Trichlorofluoromethane	X	X	X	NA	X	NA	X	X	X	X	X	3490	698
Vinyl chloride	X	2.0**	X	NA	X	NA	X	X	X	X	X	0.2	0.02
<b>D. Indicator Parameters (mg/L)</b>													
Chloride	368*	436*	336*	439*	454*	389*	196*	NA	NA	NA	NA	250	125
Sulfate	33	X(3)	40	NA	250	125							
Iron	9.18*	6.76*	4.19*	12.6*	6.3*	10.8*	6.89*	NA	NA	NA	NA	0.3	0.15
Manganese	0.57*	0.64*	0.60*	0.4*	1.9*	0.48*	0.52*	NA	NA	NA	NA	0.05	0.025

TABLE 3

Analyte	MW3											NR 140 Standard <sup>(1)</sup>	
	10-24-91	11-26-91	12-27-91	3-22-93	9-14-93	3-29-94	9-20-94	9-12-95	9-10-96	9-16-97	10-7-98	ES	PAL
<b>A. Metals (ug/L)</b>													
Arsenic	X	X	X	X	X	X	X	X	X	X	X	50	5
Barium	230*	X	240*	240*	240*	160	160	200	160	126	152	2000	400
Cadmium	X	0.3	0.2	0.5	0.5	0.4	X	0.3	1.4*	0.13 <sup>(3)</sup>	X	5	0.5
Chromium	X	X	X	NA	NA	100	10						
Lead	X	X	X	X	X	X	X	X	X	X	X	15	1.5
Mercury	X	X	X	NA	NA	2	0.2						
Selenium	7.0*	7.0*	100*	10**	13**	8	9	13	110**	1 <sup>(4)</sup>	X	50	10
Silver	X	X	X	NA	NA	50	10						
<b>B. PCBs (ug/L)<sup>(2)</sup></b>													
	X	X	X	NA	X	NA	X	X	X	X	X	0.03	0.003
<b>C. VOCs (ug/L)</b>													
Benzene	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
1,1-Dichloroethane	X	X	X	NA	X	NA	X	X	X	X	X	850	85
1,2-Dichloroethane	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
cis-1,2-Dichloroethene	X	X	X	NA	X	NA	X	X	X	X	X	70	7
trans-1,2-Dichloroethene	X	X	X	NA	X	NA	X	X	X	X	X	100	20
Tetrachloroethene	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
Toluene	X	X	X	NA	X	NA	X	X	X	X	X	343	68.6
Trichloromethene	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
Trichlorofluoromethane	X	X	X	NA	X	NA	X	X	X	X	X	3490	698
Vinyl chloride	X	X	X	NA	X	NA	X	X	X	X	X	0.3	0.02
<b>D. Indicator Parameters (mg/L)</b>													
Chloride	442*	447*	414*	546*	652*	407*	412*	NA	NA	NA	NA	250	125
Sulfate	55	X	49	NA	NA	250	125						
Iron	0.15*	0.17*	0.10*	X	0.27*	X	X	NA	NA	NA	NA	0.3	0.15
Manganese	0.74**	0.71*	0.77*	0.54*	0.79*	0.40*	0.50*	NA	NA	NA	NA	0.05	0.025

TABLE 3

Analyte	MW3 (MW3P)											NR 140 Standard(1)	
	10-24-91	11-26-91	12-27-91	3-22-93	9-14-93	3-29-94	9-20-94	9-12-95	9-10-96	9-16-97	10-7-98	ES	PAL
<b>A. Metals (ug/L)</b>													
Arsenic	X	X	X	X	X	X	X	X	X	X	X	50	5
Barium	100	X	90	90	110	110	130	140	120	134	153	2000	4000
Cadmium	X	0.4	X	0.6	X	X	X	0.2	X	X	X	5	0.5
Chromium	1.4	1.4	1.6	NA	100	10							
Lead	X	X	X	X	X	X	X	X	X	X	X	15	1.5
Mercury	X	X	X	NA	2	0.2							
Selenium	X	X	X	X	X	X	X	X	X	X	X	50	10
Silver	X	X	X	NA	50	10							
<b>B. PCBs (ug/L)(2)</b>	X	X	X	X	NA	X	NA	X	X	X	X	X	0.03
<b>C. VOCs (ug/L)</b>													
Benzene	X	X	X	X	NA	X	NA	X	X	X	X	X	5
1,1-Dichloroethane	X	X	X	X	NA	X	NA	X	X	X	X	X	850
1,2-Dichloroethane	X	X	X	X	NA	X	NA	X	X	X	X	X	5
cis-1,2-Dichloroethene	X	X	X	X	NA	X	NA	X	X	X	X	X	70
trans-1,2-Dichloroethene	X	X	X	X	NA	X	NA	X	X	X	X	X	100
Tetrachloroethene	X	X	X	X	NA	X	NA	X	X	X	X	X	5
Toluene	X	X	X	X	NA	X	NA	X	X	X	X	X	343
Trichloroethene	X	X	X	X	NA	X	NA	X	X	X	X	X	5
Trichlorofluoromethane	X	X	X	X	NA	X	NA	X	X	X	X	X	3490
Vinyl chloride	X	X	X	X	NA	X	NA	X	X	X	X	X	0.2
<b>D. Indicator Parameters (mg/L)</b>													
Chloride	256*	198*	250*	198*	231*	290*	310*	392*	NA	NA	NA	NA	250
Sulfate	35	29	X	39	NA	250							
Iron	X	X	X	X	X	X	X	X	NA	NA	NA	NA	0.3
Manganese	0.50*	0.38*	0.45*	0.38*	0.35*	0.36*	0.48*	0.59*	NA	NA	NA	NA	0.05

TABLE 3

Analyte	MWS/MWSR											NR 140 Standard(1)	
	10-24-91	11-26-91	12-27-91	3-22-93	9-14-93	3-29-94	9-20-94	9-12-95	9-10-96	9-16-97	10-7-98	ES	PAL
<b>A. Metals (ug/L)</b>													
Arsenic	NA	NA	NA	X	X	X	X	4	4	6*	X	50	5
Barium	NA	NA	NA	240	250	250	250	260	260	265	279	2000	400
Cadmium	NA	NA	NA	0.3	X	X	X	X	X	X	X	5	0.5
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	10
Lead	NA	NA	NA	X	X	X	X	X	X	X	X	15	1.5
Mercury	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2	0.2
Selenium	NA	NA	NA	X	X	X	X	X	X	X	X	50	10
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	10
<b>B. PCBs (ug/L)(2)</b>	NA	NA	NA	NA	X	NA	X	X	X	X	X	0.03	0.003
<b>C. VOCs (ug/L)</b>													
Benzene	NA	NA	NA	NA	X	NA	X	X	X	X	X	5	0.5
1,1-Dichloroethane	NA	NA	NA	NA	X	NA	X	X	X	X	X	850	85
1,2-Dichloroethane	NA	NA	NA	NA	X	NA	X	X	X	X	X	5	0.5
cis-1,2-Dichloroethene	NA	NA	NA	NA	X	NA	X	X	X	X	X	70	7
trans-1,2-Dichloroethene	NA	NA	NA	NA	X	NA	X	X	X	X	X	100	20
Tetrachloroethene	NA	NA	NA	NA	X	NA	X	X	X	X	X	5	0.5
Toluene	NA	NA	NA	NA	X	NA	X	X	X	X	X	343	68.6
Trichloroethene	NA	NA	NA	NA	X	NA	X	X	X	X	X	5	0.5
Trichlorofluoromethane	NA	NA	NA	NA	X	NA	X	X	X	X	X	3490	698
Vinyl chloride	NA	NA	NA	NA	X	NA	X	X	X	X	X	0.2	0.02
<b>D. Indicator Parameters (mg/L)</b>													
Chloride	NA	NA	NA	169*	162*	154*	142*	NA	NA	NA	NA	250	125
Sulfate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	250	125
Iron	NA	NA	NA	0.04	0.53*	0.06	0.1	NA	NA	NA	NA	0.3	0.15
Manganese	NA	NA	NA	1.27*	1.15*	1.16*	1.04*	NA	NA	NA	NA	0.05	0.025

TABLE 3

Analyte	MW15											NR 140 Standard(1)	
	10-24-91	11-26-91	12-27-91	3-22-93	9-14-93	3-29-94	9-20-94	9-12-95	9-10-96	9-16-97	10-7-98	ES	PAL
<b>A. Metals (ug/L)</b>													
Arsenic	X	X	X	X	7*	3	X	3.0	X	2(3)	10*	50	5
Barium	70	X	40	70	170	110	50	60	40	75	128	2000	400
Cadmium	X	0.4	0.5	0.8	X	0.3	X	X	X	X	0.600*	5	0.5
Chromium	0.6	0.8	0.4	NA	100	10							
Lead	X	X	X	X	X	X	X	X	X	X	X	15	5
Mercury	X	X	X	NA	2	0.2							
Selenium	X	X	X	X	X	X	X	X	X	X	X	50	10
Silver	X	X	X	NA	50	10							
<b>B. PCBs (ug/L)(2)</b>													
	X	X	X	NA	X	X	NA	X	X	X	X	0.03	0.003
<b>C. VOCs (ug/L)</b>													
Benzene	2.7*	3.0*	3.0*	NA	10**	NA	5.8**	13**	X	7.2**	13**	5	0.5
Dichlorodifluoromethane	X	X	X	X	X	X	X	X	X	6.1	5.2	1000	200
1,1-Dichloroethane	1.3	1.1	12	NA	3.8	NA	X	2.2	X	1.1	3.9	850	85
1,2-Dichloroethane	X	X	X	NA	5.5**	NA	X	3.1*	X	3.3*	8.5**	5	0.5
cis-1,2-Dichloroethene	26*	27*	40*	NA	72*	NA	28*	9.9*	X	5.4	6.8	70	7
trans-1,2-Dichloroethene	X	1.6	X	NA	5.9	NA	2.1	4.4	X	3.9	7.6	100	20
Vinyl chloride	12**	12**	15**	NA	21**	NA	18**	5.7**	X	1.8**	13**	0.2	0.02
1,2-Dichloropropane	X	X	X	X	X	X	X	X	X	X	1.5	5.0	0.5
Isopropylbenzene	X	X	X	X	X	X	X	X	X	X	0.30(3)	NS	NS
Tetrachloroethene	3.1**	3.4**	5.1**	NA	8.1**	NA	2.6*	1.5*	X	X	X	5	0.5
Toluene	X	X	X	NA	3.1	NA	X	X	X	X	0.6(3)	343	68.6
Trichloroethene	1.4**	14**	24**	NA	20**	NA	11**	1.3*	X	1.4*	1.1*	5	0.5
Trichlorofluoromethane	15	18	17	NA	NA	NA	15	X	12	6.0(3)	3.8	3490	698
Methylene chloride	X	X	X	X	X	X	X	X	X	X	1.2(3)	5.0	0.5
Xylenes	X	X	X	X	X	X	X	X	X	X	1.9	620	124
<b>D. Indicator Parameters (mg/L)</b>													
Chloride	76	85	85	110	148*	156*	138*	NA	NA	NA	NA	150	125
Sulfate	34	X	28	NA	250	125							
Iron	0.25*	X	X	X	10.5**	3.3**	0.81**	NA	NA	NA	NA	0.5	0.15
Manganese	0.01	X	X	0.27**	2.58**	1.15**	0.32**	NA	NA	NA	NA	0.05	0.25

TABLE 3

Analyte	MW17											NR 140 Standard <sup>(1)</sup>	
	10-24-91	11-26-91	12-27-91	3-22-93	9-14-93	3-29-94	9-20-94	9-12-95	9-10-96	9-16-97	10-7-98	ES	PAL
<b>A. Metals (ug/L)</b>													
Arsenic	X	X	X	X	X	X	X	X	X	X	X	50	5
Barium	130	X	110	130	160	130	140	140	120	126	137	2000	400
Cadmium	0.3	0.3	0.5	1.0*	0.2	0.3	X	X	X	X	X	5	0.5
Chromium	X	0.4	0.2	NA	100	10							
Lead	X	X	X	X	X	X	X	X	X	X	X	15	1.5
Mercury	X	X	X	NA	2	0.2							
Selenium	X	X	X	X	X	X	X	X	X	X	X	50	10
Silver	X	X	X	NA	50	10							
<b>B. PCBs (ug/L)<sup>(2)</sup></b>	X	X	X	NA	X	NA	X	X	X	X	X	0.03	0.003
<b>C. VOCs (ug/L)</b>													
Benzene	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
1,1-Dichloroethane	X	X	X	NA	X	NA	X	X	X	X	X	850	85
1,2-Dichloroethane	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
cis-1,2-Dichloroethene	NA	X	X	NA	X	NA	X	X	X	X	X	70	7
trans-1,2-Dichloroethene	X	X	X	NA	X	NA	X	X	X	X	X	100	20
Tetrachloroethene	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
Toluene	X	X	X	NA	X	NA	X	X	X	X	X	343	68.6
Trichloroethene	X	X	X	NA	X	NA	X	X	X	X	X	5	0.5
Trichlorofluoromethane	X	X	X	NA	NA	NA	NA	NA	NA	X	X	3490	698
Vinyl chloride	X	X	X	NA	X	NA	X	X	X	X	X	0.2	0.02
<b>D. Indicator Parameters (mg/L)</b>													
Chloride	275**	288**	257**	305**	452**	262**	324**	NA	NA	NA	NA	250	125
Sulfate	36	X <sup>(3)</sup>	29	NA	250	125							
Iron	X	X	X	X	X	X	X	NA	NA	NA	NA	0.3	0.15
Manganese	X	X	X	X	0.03*	X	X	NA	NA	NA	NA	0.05	0.25