

TOWN OF SALINA LANDFILL
REMEDIAL INVESTIGATION/FEASIBILITY STUDY

SITE I.D. NO. 734036

CITIZEN PARTICIPATION PLAN

PREPARED FOR:

TOWN OF SALINA
201 School Road
Liverpool, New York 13088

MAY 15, 1998

PREPARED BY:

CLOUGH, HARBOUR & ASSOCIATES LLP
Engineers, Surveyors, Planners & Landscape Architects
109 South Warren Street, Suite 1300
Syracuse, New York 13202

CHA Project No. 6967



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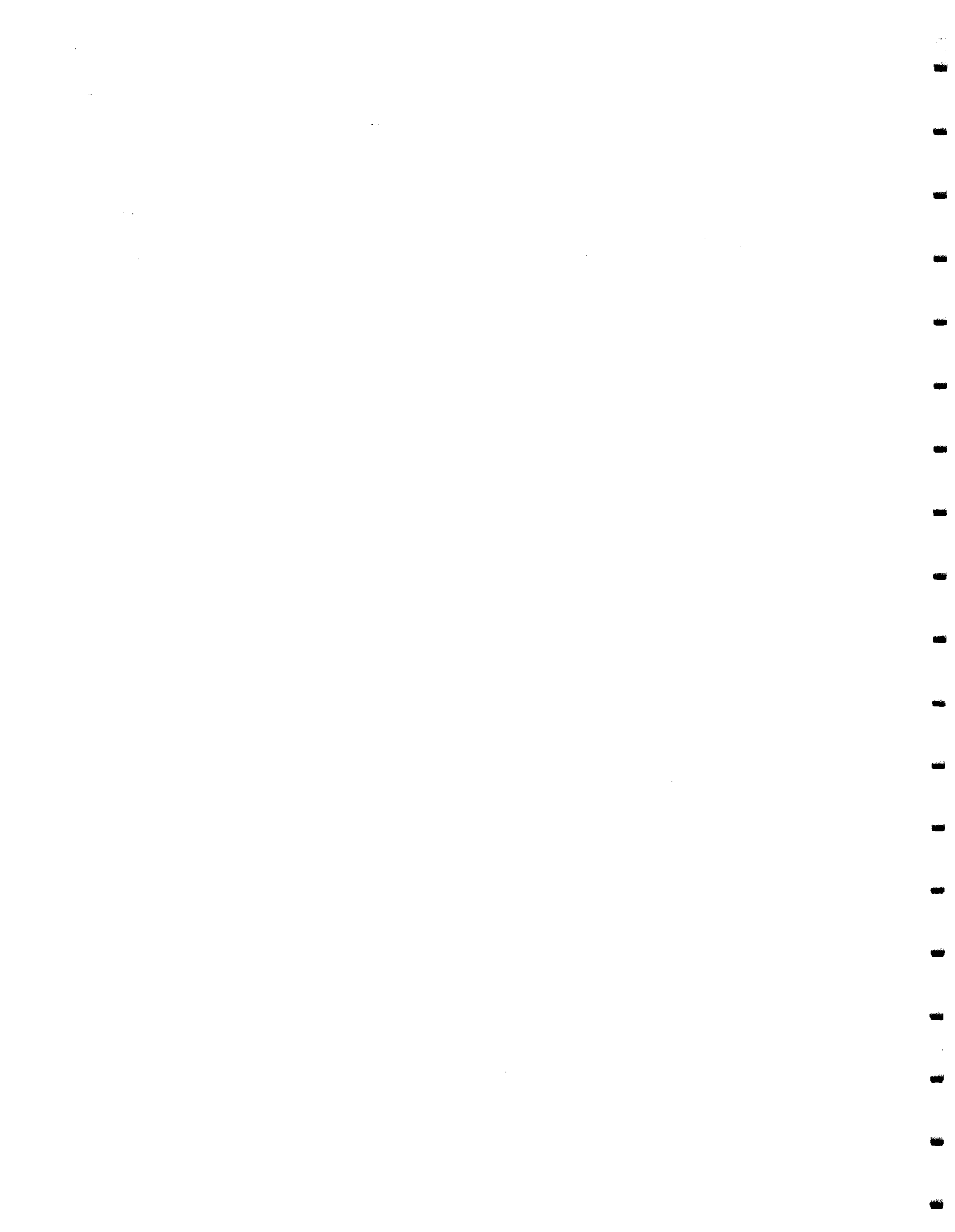


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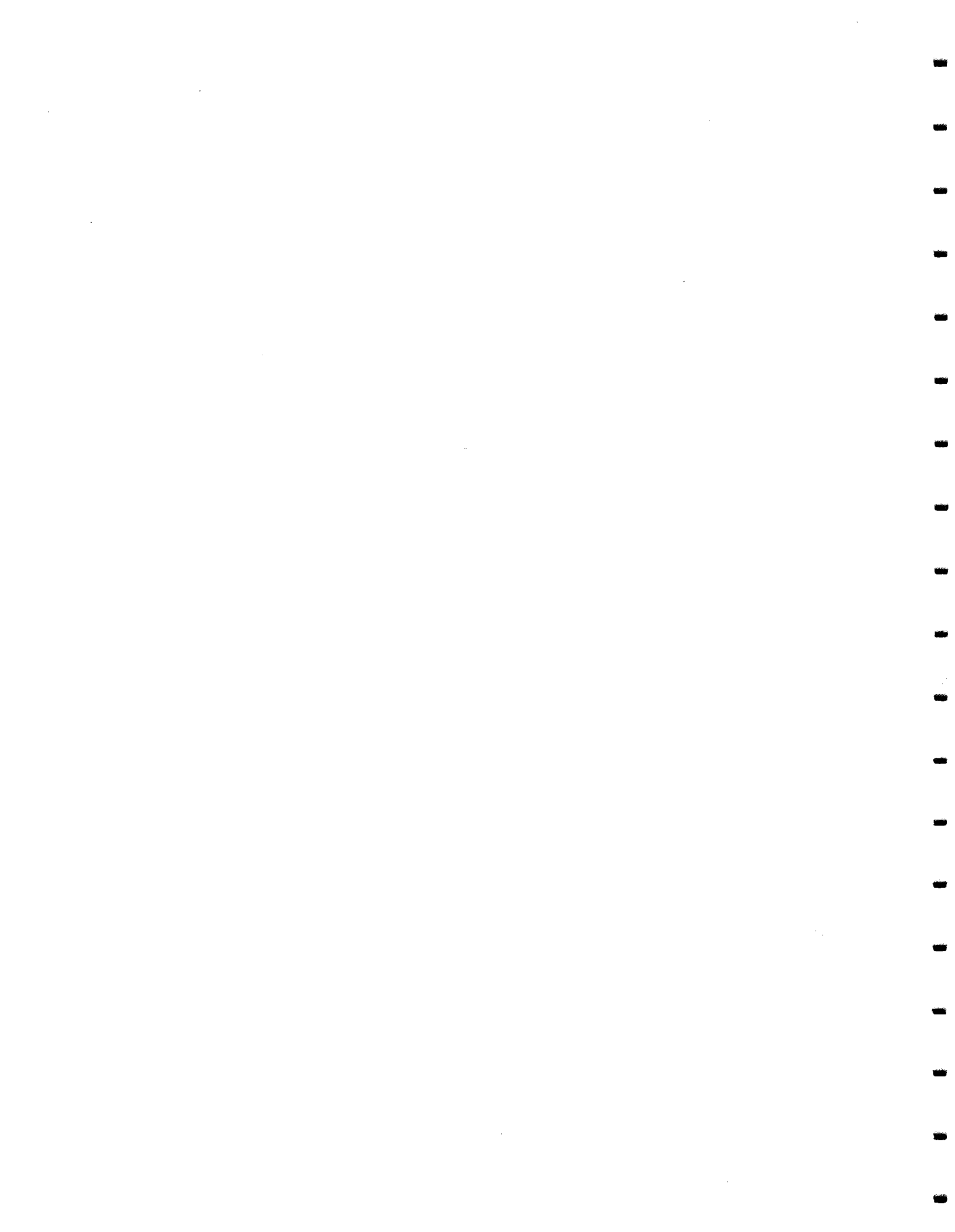
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1.0 INTRODUCTION

This Citizen Participation Plan (CPP) has been developed for the Town of Salina Landfill Project. The CPP is a requirement of 6NYCRR Part 375-1.5, the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the National Contingency Plan (NCP) that mandates public participation in programs related to New York State's Inactive Hazardous Waste Disposal Sites. 6NYCRR Part 375 requires the New York State Department of Environmental Conservation (NYSDEC) to keep interested and/or affected public informed of progress on inactive hazardous waste site remedial projects. These regulations also require NYSDEC to solicit public comment before selecting a final remedy for a site.

This CPP consists of brief sections containing information about the Town of Salina Landfill (Site Information) and a brief summary of the remedial project (Project Description). These are followed by descriptions of activities planned for this project to inform the interested and/or affected public of remedial work, answer questions and obtain comments. The focus of this plan is the first phase of the project, the Remedial Investigation/Feasibility Study. The CPP will be amended as necessary for future phases of the project.

2.0 SITE INFORMATION

The Town of Salina Landfill is located off of Route 11 in the Town of Salina (Figure 1). The landfill is bounded to the east by Route 11 and to the north by the New York State Thruway. The Onondaga County Transfer Station is located immediately to the west of the landfill. Historically, Ley Creek has been considered to be the southern boundary of the site, although recent information indicates that landfilled materials may exist south of Ley Creek. Portions of the Ley Creek channel were apparently moved in the early 1970s. The Town of Salina Landfill has previously been defined as approximately 55 acres in size (Figure 2).

The Town of Salina Landfill opened in 1960 and stopped accepting waste in 1975. During the period the landfill was open, in addition to accepting municipal solid waste, the landfill also accepted hazardous wastes include paint sludge, paint thinner, PCB-contaminated wastes, and contaminated sediment dredged from Ley Creek. A soil cover was placed over the landfill in 1982. Since that time, a number of investigations have been performed at the Town of Salina Landfill. The investigations have largely been focused on gathering only enough data to determine whether the landfill was a threat to human health and to the environment. In 1996, the New York State Department of Environmental Conservation (NYSDEC) designated the Town of Salina Landfill as a Class 2 Inactive Hazardous Waste Site. The landfill is also considered a subsite to the Onondaga Lake National Priorities List (NPL) site by the United States Environmental Protection Agency (USEPA). The landfill is considered a subsite to the Onondaga Lake NPL site because it is a source of polychlorinated biphenyls (PCBs) and other hazardous substances that have affected water quality to Ley Creek, a tributary to Onondaga Lake.

3.0 PROJECT DESCRIPTION

The Remedial Program required for the Town of Salina Landfill consists of four phases: (1) Remedial Investigation/Feasibility Study, (2) Remedial Design, (3) Remedial Construction, and (4) Operation, Maintenance and Monitoring. These phases are described below. The scope of each phase depends on the findings of the previous phase.

3.1 REMEDIAL INVESTIGATION/RISK ASSESSMENT/FEASIBILITY STUDY

The Remedial Investigation is a thorough investigation of the nature and extent of contamination from the site. Groundwater, surface water, air, soil, and waste are sampled. Fish, animals and plants may be counted and sometimes sampled for uptake of chemicals from the site. Geological and climatological data are obtained.

The risk assessment includes an analysis of potential health impacts from the site. Contaminants of Concern are first identified, then the exposure routes for the contaminants are determined. After review of the toxicity of the contaminants, the potential risk to human health is evaluated for various land uses. For the ecological risk assessment, a determination of the site related effects on terrestrial wildlife and vegetation and on fish is made.

During the Feasibility Study, a wide range of alternatives for cleanup of the site are assembled. The alternatives are evaluated in terms of their effectiveness, practicability, and cost. As more data becomes available, some of these alternatives are further evaluated against seven criteria in the regulations. After the evaluation is complete, one alternative is selected that best meets the remedial goals for the site. The State will then present the recommended cleanup alternative to the public in a document called the Proposed Remedial Action Plan (PRAP). After a mandated comment period and a Public Meeting, the State will issue a Record of Decision (ROD) outlining the selected remedy, the basis for selection, and any changes made in response to public concerns. A typical RI/FS up the Record of Decision takes from one and a half to three years.

3.2 INTERIM REMEDIAL MEASURE (IRM)

Interim Remedial Measures are employed when a cleanup action need not wait until a site-wide remedial plan is approved. During the RI/FS, it may become obvious that certain activities can take place immediately to reduce the threat of the site. The most common example is the removal of drums of waste lying on the ground at a site. Often, an IRM will reduce site hazards to the point where no further remedial action is needed, except for perhaps monitoring.

NYSDEC would issue a "No Further Action" ROD in that case. An IRM contains many of the activities described under the next two bullets (remedial design and construction), but usually in a compressed time frame during the RI/FS, such as six months to a year.

3.3 REMEDIAL DESIGN

If a remedial action is required by the ROD, the details of how to construct and operate must be specified. Sometimes more field data must be collected or a test system installed (for example a pilot water treatment system). Plans, specifications and a construction contract are developed for public bidding or other competitive procurement. Remedial design typically takes from six months to one year.

3.4 OPERATION, MAINTENANCE AND MONITORING

Site clean up is not always possible once and for all, especially not a large municipal landfill. If hazardous materials must remain on site, air, groundwater and surface water will be sampled periodically to be sure contaminants are not migrating off site. Many remedies such as groundwater treatment require years of operation. The State requires an O&M Plan that describes in detail how to operate, maintain and monitor the effectiveness of the chosen remedy for the site. This plan also contains backup measures should the remedy fail. Every year reports are compiled of problems, repairs and sample results.

In all phases of the remedial project, final plans and reports such as the RI/FS Report, the plans and specifications, construction certification report, O&M Plan and yearly reports will be made

available to the public through the Document Repositories. In addition, announcements and fact sheets will be mailed during every phase to keep people on the contact list and the media apprised of progress. State and federal representatives (listed in Appendix 1) may be contacted any time with questions or comments. These and other citizen participation activities are further described in the next section.

4.0 CITIZEN PARTICIPATION ACTIVITIES (For RI/FS)

The means of keeping the public informed, and giving opportunity for comment, are described below. These activities will primarily be conducted by NYSDEC staff with review by NYSDOH.

4.1 PROJECT MAILING LIST

A preliminary list of potentially interested or affected public has been created as required by 6NYCRR Part 375 prior to starting the RI/FS (Appendix 2). The list contains government representatives, civic organizations, environmental groups, adjacent property and easement owners, potentially responsible parties and other individuals and groups. This list will be updated as needed during the RI/FS. Anyone may request to be added to the Project Mailing List by contacting the NYSDEC Project Manager.

4.2 DOCUMENT REPOSITORIES

Four *document repositories* will be set up to house administrative record documents and other final site documents such as the Preliminary Site Assessment reports. One repository will be located in the Syracuse offices of NYSDEC Region 7. The other will be located at Salina Town Hall in Salina in the offices of the Town Clerk. The third repository will be located at the Salina Free Library in Mattydale. The fourth repository will be the Onondaga County Library. Locations, contact people and hours are listed in Appendix 3.

The *Administrative Record* is the collection of documents (reports, correspondence, data) from the RI/FS that supports NYSDEC's decision concerning how to remediate the site. Organization of the backup information is important and having it readily available for perusal by anyone concerned about the basis for NYSDEC's action. Not all publicly available documents concerning the site will become part of the Administrative Record; only those that directly support the Record of Decision. For example, permits for operation of the landfill for solid waste disposal will not be included in the Administrative Record, but drum and leachate sample data will. (Other documents can be requested from the Project Manager through the Freedom of

Information Act.) Comments from the public on the proposed remedy become part of the Administrative Record, along with NYSDEC responses.

4.3 FACT SHEETS

Fact sheets are informational papers describing the site and progress, giving the names of primary contact people for more information and announcing a public meeting or availability of a final document. They are concise (one to four pages), readable and suitable for mass mailing to the Project Mailing List and faxing to media. Fact sheets, mailed out by the Town of Salina, will be the primary means of communicating with the public on this project. The Citizen Participation Schedule (Appendix 4) shows mandatory and optional occasions for issuing fact sheets. Fact sheets will be generated by the NYSDEC Project Manager and Citizen Participation Specialist and must be reviewed by NYSDOH prior to mailing.

4.4. PUBLIC MEETINGS

Public informational meetings are used to present large amounts of information and to obtain comments. A public meeting will also be held at the start of the RI/FS, after a work plan is developed for the study. A second public meeting will be held when the RI/FS is complete and a Proposed Remedial Action Plan (PRAP) has been issued. If interest or issues warrant, a third, optional public meeting would occur at the release of the final RI Report (see schedule in Appendix 4) OR if an Interim Remedial Measure (IRM) is authorized.

Public meetings are informal. They then open with a short presentation on the site and progress to date by NYSDEC and NYSDOH staff, followed by a question and answer period. All public meetings will be held at the Town Hall. Clough, Harbour & Associates LLP will assist the NYSDEC in giving the detailed technical presentation and with answering questions. CHA will prepare the visual aids for the meetings. The Town of Salina and CHA will assist the NYSDEC in taking detailed notes of all speakers' questions and comments and with distributing a sign-in sheet of attendees. A responsiveness summary will be prepared after all meetings and distributed to attendees (see below under Responsiveness Summaries).

4.5 RESPONSIVENESS SUMMARIES

A *responsiveness summary* is a paper responding to questions and comments received during a designated public comment period. Specific responses are given to individual questions or comments (although similar questions and comments may be combined for one response). Responses may be organized by topic of the inquiry or comment, such as “Health” questions or “Cost of Remedy” comments. Both oral comments from public meetings, and written comments are addressed in the responsiveness summary. Comment letters, statements and other written comment documents are referenced or attached and become part of the Administrative Record along with the responsiveness summary.

The Record of Decision (ROD) must contain a responsiveness summary for the preceding 30-day comment period. Responsiveness summaries, however, are also appropriate after any other public meeting or comment period. The announcing fact sheet should indicate that a responsiveness summary would be available in the Document Repositories within a reasonable time after the close of the comment period. Depending on interest, copies of the responsiveness summary can also be mailed to meeting attendees and other commentors.

The NYSDEC Project Manager will obtain the input of NYSDOH in responding to questions or comments pertaining to public health.

4.6 REMEDY SELECTION COMMENT PERIOD

The most crucial period for interaction between NYSDEC and the public during a hazardous waste site cleanup is during selection of the final remedy. 6NYCRR Part 375 mandates a minimum thirty-day comment period before issuance of the Record of Decision. During this period a public meeting must be held, as described previously, to present the remedial alternatives and the proposed remedy.

To facilitate public comment, the NYSDEC will issue a paper called the “Proposed Remedial Action Plan” (PRAP) at the beginning of the comment period. The PRAP follows a standard format, incorporating a concise history of the site, summary of the remedial investigation, brief

descriptions of the alternatives, and the recommended alternative. Maps and data tables are attached. The NYSDEC Project Manager will prepare the PRAP and place it in the Document Repositories. A Fact Sheet announcing availability of the PRAP, the date and place of the public meeting will then be issued.

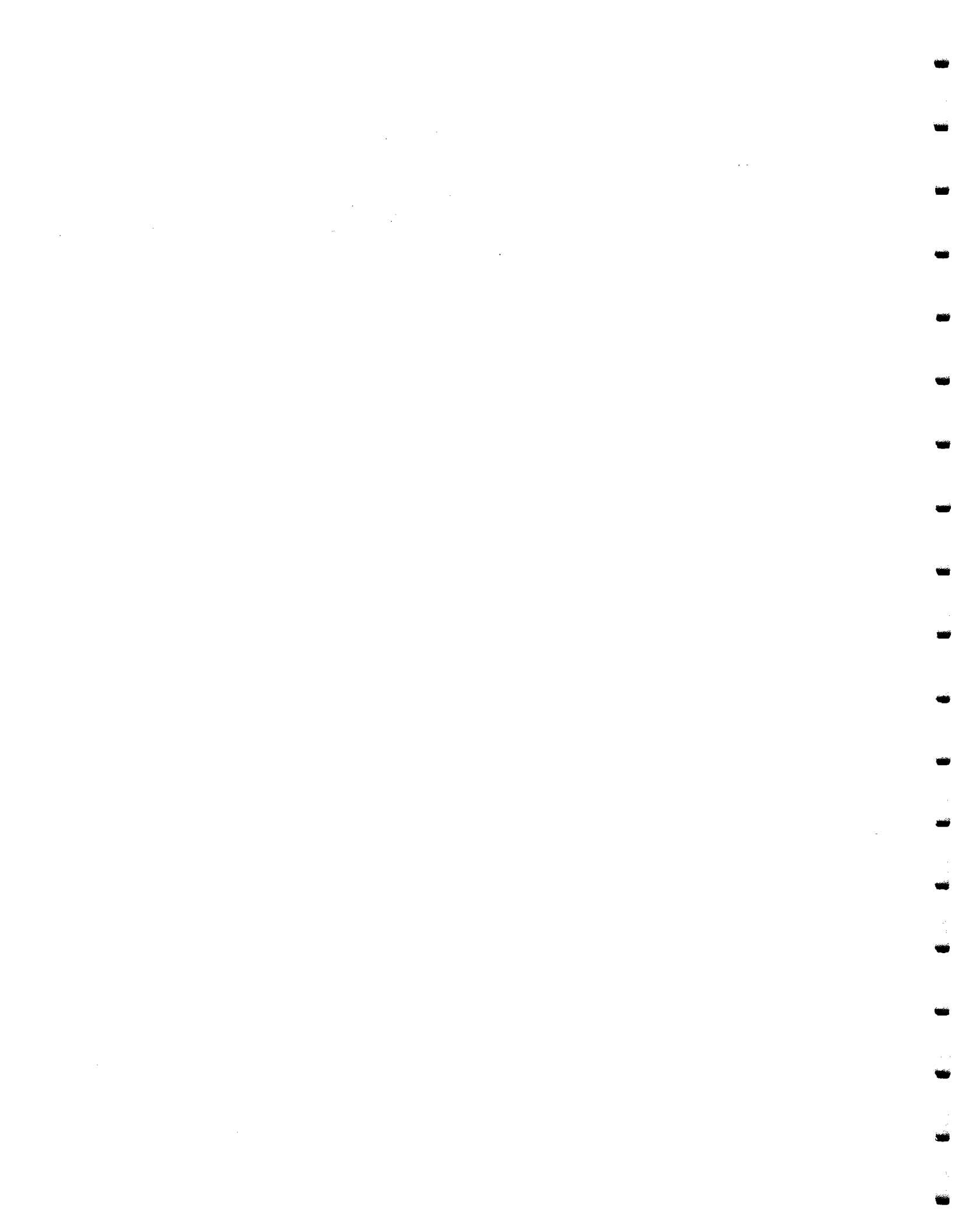
Following the close of the comment period, the Project Manager will prepare the draft Record of Decision and responsiveness summary. After formal concurrence by NSYDOH, the Division Director signs the ROD on behalf of the Commissioner.

A fact sheet may be appropriate to announce signature and availability of the ROD if a long period elapses between the PRAP and the ROD. See above under Responsiveness Summaries.

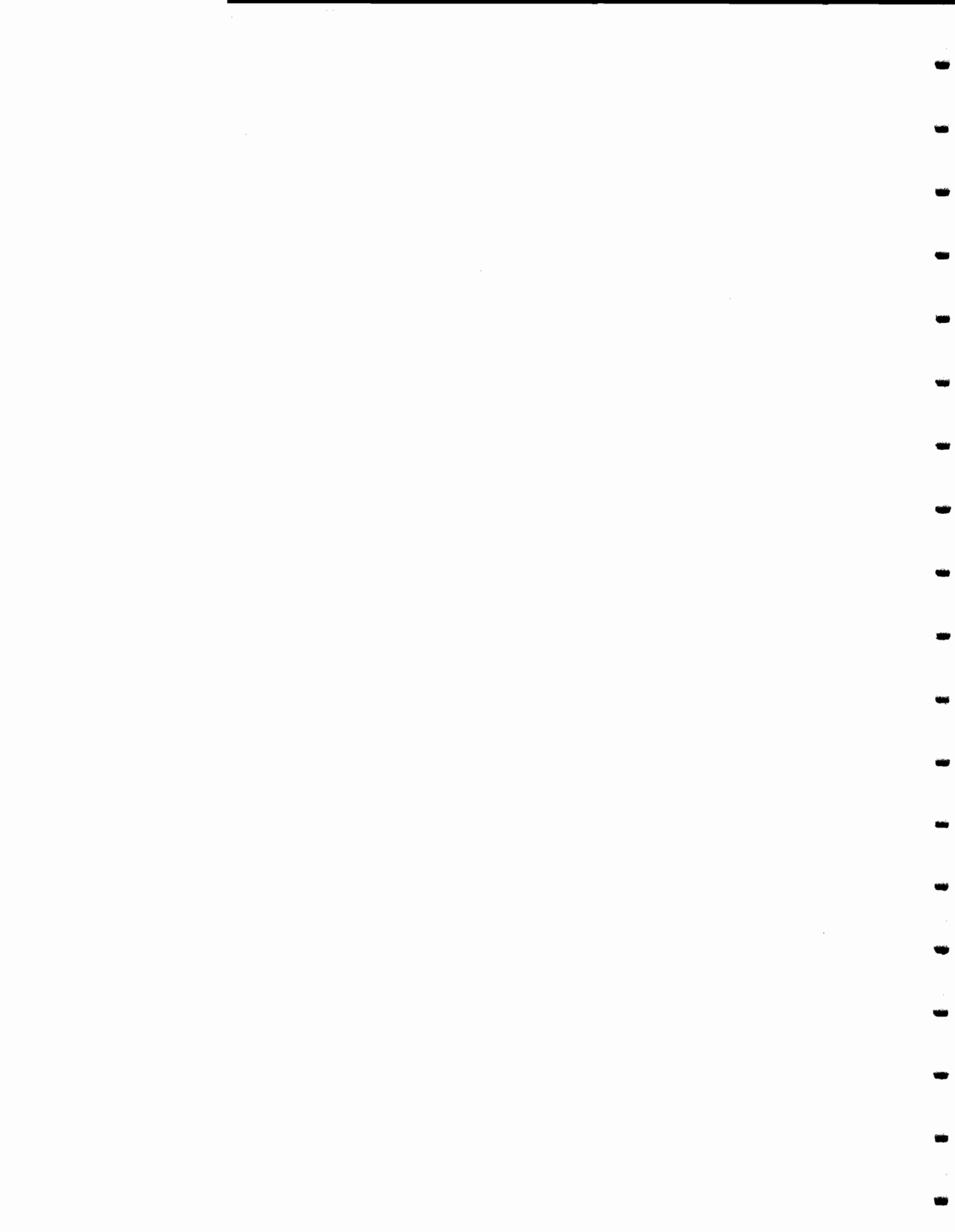
4.7 OTHER ACTIVITIES

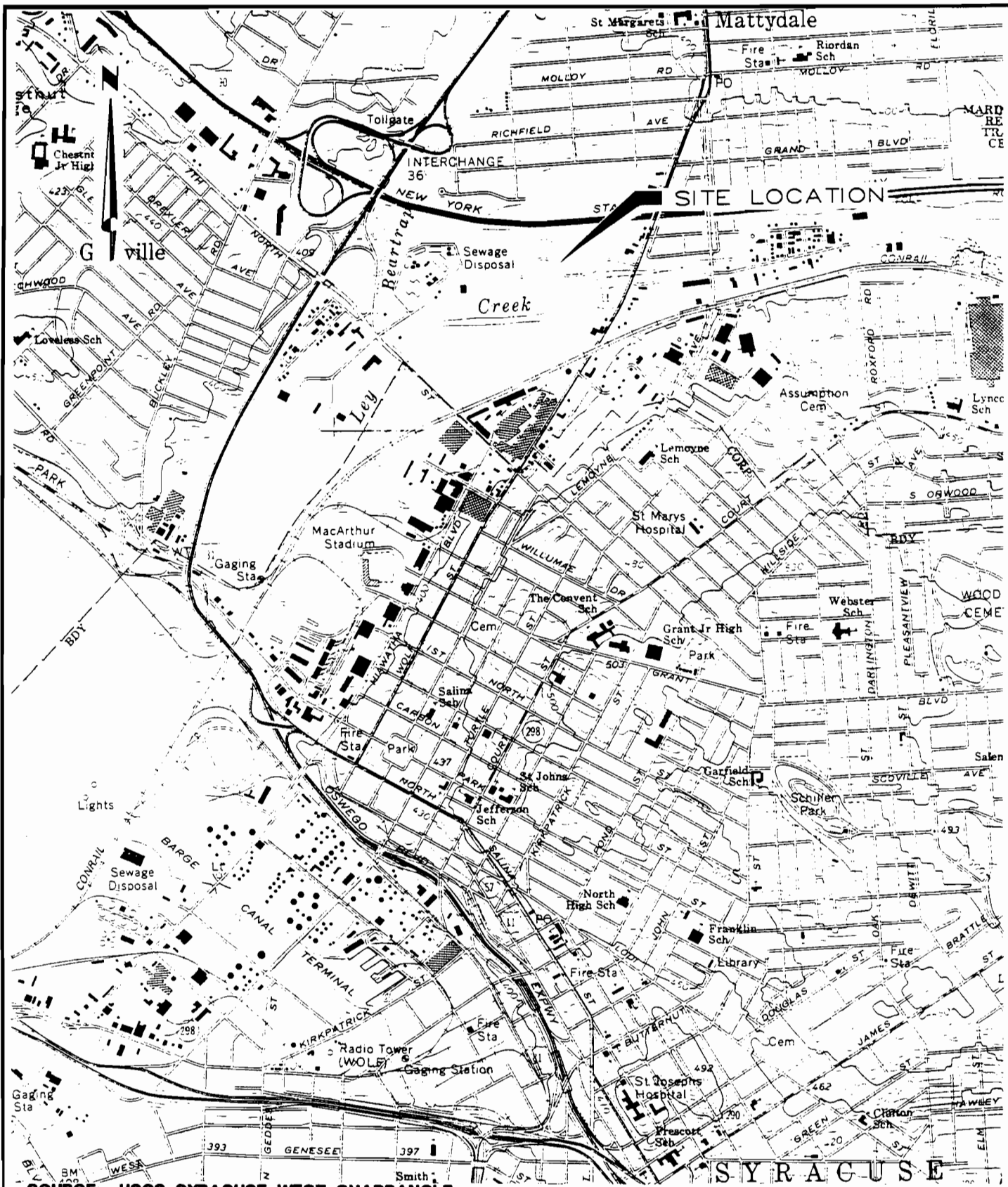
Informal Contacts: This CPP emphasizes that although there are designated comment periods and meetings for milestone events, concerned members of the public are welcome to contact NYSDEC or DOH at any time during the RI/FS. Contacts are listed in Appendix 1. Sample results and other site data are public information and available at any time through the Freedom of Information Act. If data are preliminary (i.e., not yet audited) the project manager will indicate so to the requestor.

Availability Sessions: Availability sessions provide a forum for the public to meet with NYSDEC and NYSDOH staff, but unlike a public meeting, do not include a formal presentation. Instead, site information is displayed at a public location, with staff present, for a longer period of time such as an afternoon, evening, or over several days. Concerned citizens can view site information and discuss it one-on-one or in small groups with staff. Attendees are encouraged to sign in, and notes are taken of questions and comments. As with a public meeting, a responsiveness summary should be issued after the availability session. Availability sessions especially lend themselves to public review and interaction on design and construction documents. No availability sessions are planned for the Town of Salina Landfill RI/FS project at this time, but could be scheduled if there was sufficient interest.



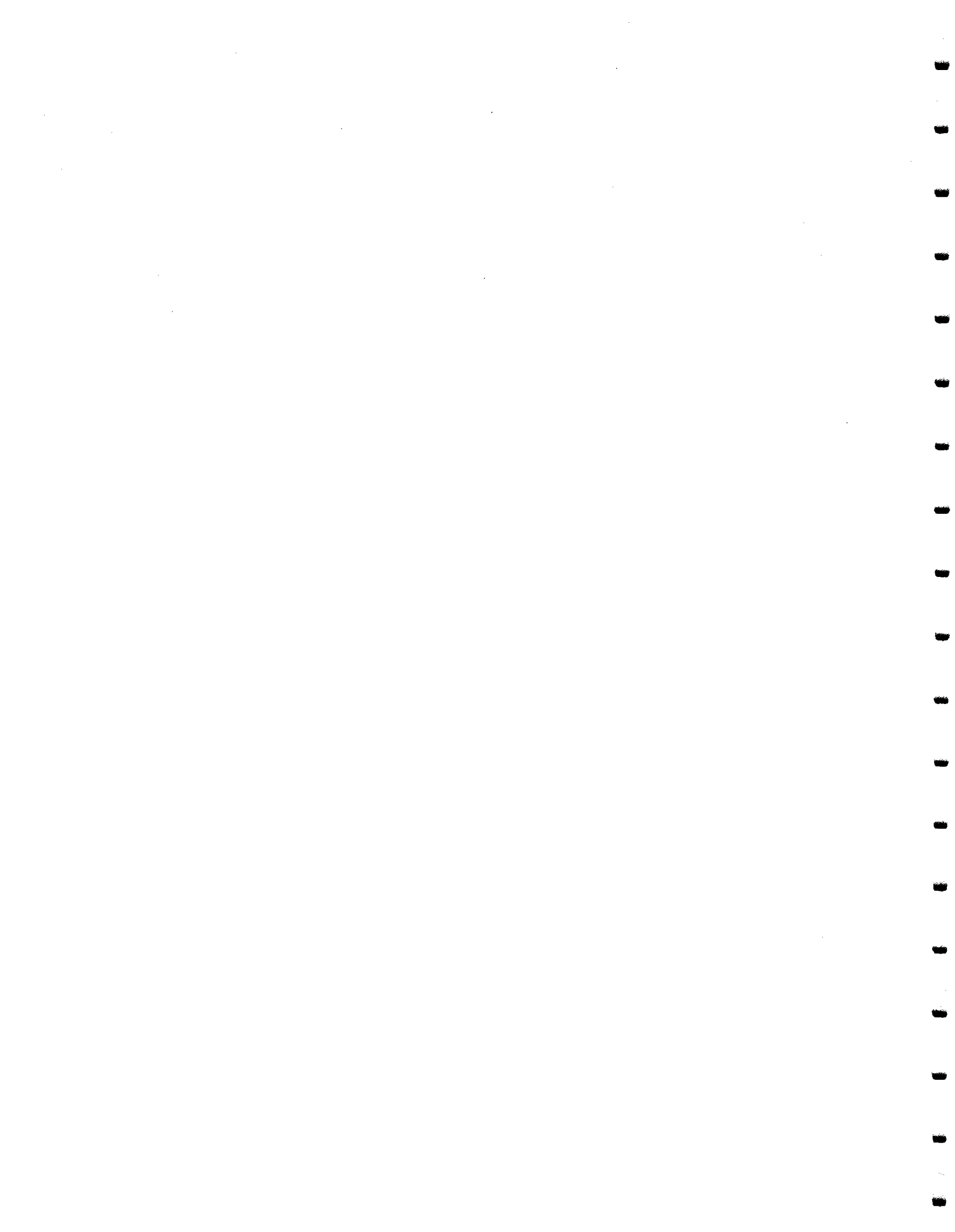
FIGURES



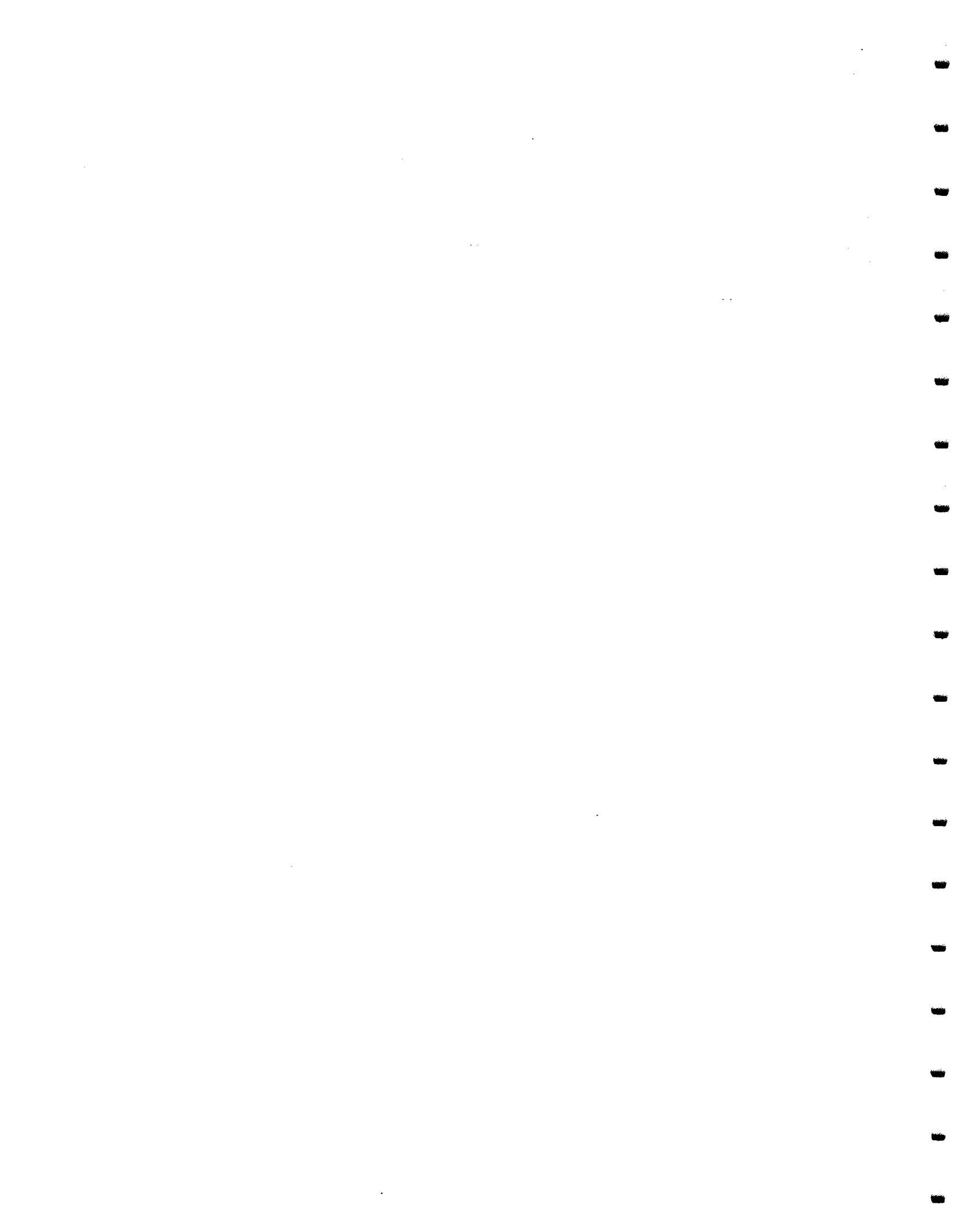


CHA **CLOUGH, HARBOUR & ASSOCIATES LLP**
 ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS
 109 SOUTH WARREN STREET SYRACUSE, NEW YORK - 13202
 315-471-3920
 CHA FILE NO. 6967 SCALE: 1"=2000'

FIGURE 1
SITE LOCATION MAP
TOWN OF SALINA LANDFILL
SYRACUSE, NEW YORK



APPENDICES



APPENDIX 1
SITE CONTACT LIST

Walter Demick, P.E.
Division of Environmental Remediation
NYSDEC
50 Wolf Road
Albany, NY 12233-7010
(800) 342-9296

Charles Branagh.
NYSDEC
Region VII
615 Erie Boulevard
Syracuse, NY 13204-2400
(315) 426-7400

Henriette Hamel

New York State Department of Health
217 South Salina Street
Syracuse, NY 13202
(315) 426-7710

Alison Hess
Onondaga Lake Project Manager
U.S. EPA Region II
290 Broadway
New York, NY 10007-1866



APPENDIX 2

AFFECTED and/or INTERESTED PUBLIC

Honorable Michael Bragman
305 South Main Street
N. Syracuse, N.Y. 13212

A. Raymond
108 Brookline Rd.
Mattydale, N.Y. 13211

Honorable John DeFrancisco
State Office Bldg., Rm. 804
Syracuse, N.Y. 13202

A. Cummings
109 Brookline Rd.
Mattydale, N.Y. 13211

Honorable Roy Bernardi
City Hall
Syracuse, N.Y. 13202

K. El-Kaisy
110 Brookline Rd.
Mattydale, N.Y. 13211

Ed Burgmeier
103 Brookline Rd.
Mattydale, N.Y. 13211

Matt Michael
112 Brookline Rd.
Mattydale, N.Y. 13211

H. Hemmingway
100 Brookline Rd.
Mattydale, N.Y. 13211

Edward Longden
106 Edgemere Rd.
Mattydale, N.Y. 13211

Linda Chase
101 Brookline Rd.
Mattydale, N.Y. 13211

Thomas Stairs
100 Edgemere Rd.
Mattydale, N.Y. 13211

C. Ortlieb
102 Brookline Rd.
Mattydale, N.Y. 13211

T. Burlingame
102 Edgemere Rd.
Mattydale, N.Y. 13211

T. Nguyen
104 Brookline Rd.
Mattydale, N.Y. 13211

N. Van Slyke
100 Edgemere Terr.
Mattydale, N.Y. 13211

Edward Smith
106 Brookline Rd.
Mattydale, N.Y. 13211

Lonnie Gates
102 Edgemere Terr.
Mattydale, N.Y. 13211

E. Stewart
107 Brookline Rd.
Mattydale, N.Y. 13211

R. Edmonds
104 Edgemere Terr.
Mattydale, N.Y. 13211

William E. Sanford
Longbranch Rd.
Liverpool, N.Y. 13090

Carol C. Boehlert
418 Jewell Dr.
Liverpool, N.Y. 13088

Edward F. Ryan
324 Coleridge Ave.
Syracuse, N.Y. 13204

Russell S. Andrews
306 Hawley Ave.
Syracuse, N.Y. 13203

Syracuse Post Standard
Attn. City Desk/John Dougherty
Box 4818
Syracuse, N.Y. 13221

WTVH TV News Dept.
980 James St.
Syracuse, N.Y. 13203

WCNY FM News Director
506 Old Liverpool Rd.
Liverpool, N.Y. 13088

Syracuse Herald Journal
Attn. City Desk
Clinton Sq., Box 4015
Syracuse, N.Y. 13221

WSYR Radio News Director
500 Plum St., Ste. 100
Syracuse, N.Y. 13034

Y 94 FM News Director
500 Plum St., Ste. 100
Syracuse, N.Y. 13034

Editor, CNY Environment
658 W. Onondaga St.
Syracuse, N.Y. 13204

Eagle Newspaper/The Review
Attn. Nancy Buczek
5910 Firestone Dr.
Syracuse, N.Y. 13206

The Village of Liverpool
Village Hall
500 Hickory St.
Liverpool, N.Y. 13088

County of Onondaga
Division of Drainage and Sanitation
650 Hiawatha Boulevard W.
Syracuse, N.Y. 13202

John Paratore
1551 Brawerton Road
Syracuse, N.Y. 13208

Niagara Mohawk Power Corp.
Real Estate Tax Dept. A-3
300 Erie Boulevard
Syracuse, N.Y. 13202

East Plaza, Inc.
c/o Frank Vavonese, Esq.
Loews Landmark Office Bldg.,
Suite 500
108 W. Jefferson
Syracuse, N.Y. 13202

William E. Kochem, Jr., Plant Manager
GM – North American Operations
1 General Motors Drive
Syracuse, N.Y. 13206

Arthur W. Kanerviko, Esq.
Assistant General Counsel
Carrier Corporation, P.O. Box 4800
Carrier Pkwy, A&R Building
Syracuse, N.Y. 13221

Barbara M. Hile, President
National Planting, Inc.
1501 Brewerton Road
Syracuse, NY 13208-1403

Honorable Michael Bragman
305 South Main Street
N. Syracuse, N.Y. 13212

Honorable Harold Brown
5109 W. Genesee Street
Camillus, N.Y. 13031

Honorable Joan Christensen
4615 S. Salina Street
Syracuse, N.Y. 13205

Honorable John DeFrancisco
State Office Bldg., Rm. 804
Syracuse, N.Y. 13202

Honorable Michael Hanuszcak
401 Montgomery St., Rm 407
Syracuse N.Y. 13202

Honorable Roy Bernardi
City Hall
Syracuse, N.Y. 13202

Tom Blanchard, MDA
1900 State Tower Bldg.
Syracuse, N.Y. 13202

Mr. Robert Burdick
County Health Dept.
P.O. Box 190
Syracuse, N.Y. 13215

William Connor, Econ. Dev.
State Office Bldg., Rm. 420
Syracuse, N.Y. 13202

Mr. William Murray
NYS Parks, Clark Res.
Jamesville, N.Y. 13078

Mr. John Meldrim
Thruway Authority
Box 308
E. Syracuse, N.Y. 13057

Mr. Tim Mulvey
OLMC
P.O. Box 7136
Syracuse, N.Y. 13261

Mr. Randy Ott, DDS
650 Hiawatha Blvd.
Syracuse, N.Y. 13204

Mr. Peter Moffa
6723 Towpath Rd. Box 66
Syracuse, N.Y. 13214

Dr. Liz Moran
Stearns & Wheeler
Cazenovia, N.Y. 13035

Mr. Jack Rourke
Allied Signal
P.O. Box 6
Syracuse, N.Y. 13209

Mr. Edward Samolis
Robson & Woese
P.O. Box 0606
E. Syracuse, N.Y. 13057

Mr. David Hiltbrand
LCP
P.O. Box 98
Solvay, N.Y. 13209

Mr. Robert Hennigan
320 Bray Hall
SUNY ESF
Syracuse, Ny 13210

Mr. Jerry Gallagher
100 East Onondaga Street
Syracuse, N.Y. 13202

Rev. Walter Kopp
127 Meyers Rd.
Liverpool, N.Y. 13088

Prof. Frank Maraviglia
308 Marshall Hall, ESF
Syracuse, N.Y. 13210

Mr. John McGuire
Federal Bldg., Rm 1269
Syracuse, N.Y. 13261

Mr. Ed Morgans
9012 Henry Clay Blvd.
Clay, N.Y. 13041

Mr. Kenneth Osterhout
132 Rutledge St.
Syracuse, N.Y. 13219

Mr. Clyde Ohl
1000 Woods Rd.
Solvay, N.Y. 13209

Ms. Julia Portmore
107 Spyglass Lane
Fayetteville, N.Y. 13066

Mr. Robert Ripberger
121 Cortland Pl.
Syracuse, N.Y. 13207

Mr. William Sanford
401 Montgomery Street
Syracuse, N.Y. 13202

Mr. James Smith
102 Trent Lane
Camillus, N.Y. 13031

Atlantic States Legal Foundation, Inc.
Attn / Samuel Sage
658 W. Onondaga St.
Syracuse, N.Y. 13204-3757

Citizen's Against Radioactive Dumping
Attn: Jim Weiss
133 W. Main St.
Cortland, N.Y. 13045

FSDWAC
Attn: Sandy Weston
819 W. Third St.
Fulton, N.Y. 13069

Izaak Walton League-CNY Chapter
125 Euclid Dr.
Fayetteville, N.Y. 13066

JAM - PAC
Attn: A.J. Forelli
P.O. Box 182
Jamesville, N.Y. 13078

NYPIRG
167 ^{1/2} Marshall St.
Syracuse, N.Y. 13210

Sierra Club-Iroquois Group
Box 1263
Syracuse, N.Y. 13201

Syracuse United Neighbors
Attn: Rich Puchalski
1540 S. Salina St.
Syracuse, N.Y. 13205

Dere, Christopher
U.S. Environmental Protection Agency
Water Management Division, 25th Floor
290 Broadway
New York, N.Y. 10007-1866

Flocke, Leland
New York State DEC
615 Erie Boulevard, West
Syracuse, N.Y. 13204

Nemecek, Russell
Onondaga County Water Quality
Management Agency
Division of Environmental Health
P.O. Box 190
4894 Onondaga Road
Syracuse, N.Y. 13215-0190

Przepiora, John
City Engineer
401 City Hall
Syracuse, N.Y. 13202

Skinner, Peter
New York State Dept. of Law
Environmental Protection Bureau
The Justice Building
The Capitol
Albany, N.Y. 12224

Yaksich, Steve
U.S. Army Corps of Engineers
1776 Niagara Street
Buffalo, N.Y. 14207

Callahan, Joseph, Esq.
2225 James Street
Syracuse, N.Y. 13206

Chadderdon, Matthew
Executive Assistant to the President
Carrier Corporation
P.O. Box 4808
Syracuse, N.Y. 13221

Comer, Jeremiah F.
Business Manager IBEW #43
825 Genant Drive
Syracuse, N.Y. 13204

Curran, Susan H.
122 Hulbert Street
Minoa, N.Y. 13116

Fair, Thomas
Vice President of Environmental Affairs
Niagara Mohawk Power Corp.
Environmental Affairs, C-1
300 Erie Blvd. West
Syracuse, N.Y. 13202

William R. Favier
110 Harding Ave. South
Liverpool, N.Y. 13088

Fulmer, Sharon
Eagle Newspapers
9 East Genesee Street
P.O. Box 270
Baldwinsville, N.Y. 13027

Kenan, Bruce A.
Pyramid Companies
4 Clinton Square
Syracuse, N.Y. 13202

Kennedy, Victoria
Environmental finance Center
400 Eggers Hall
Syracuse University
Syracuse, N.Y. 13244-1090

Lipe, Willard
4204 Pompey Center Road
Manilus, N.Y. 13104

Donald J. MacLaughlin
4162 Birchwood Drive South
Liverpool, N.Y. 13090

Mannion, Victoria
345 Scott Avenue
Syracuse, N.Y. 13224

Meyers, Peter
ONBANK & Trust Company
P.O. Box 4983
Syracuse, N.Y. 13221

Osterhout, Kenneth C.
132 Rutledge Avenue
Syracuse, N.Y. 13219

Ostuni, Joseph Jr.
305 Sycamore Street
Liverpool, N.Y. 13088

Powell, Louches J.H., Jr.
Dunbar Center
1453 South State Street
Syracuse, N.Y. 13205

Powless, Irving Jr.
Chief, Onondaga Nation
Hemlock Road, Box 319B
Nedrow, N.Y. 13120

Smardon, Richard
SUNY CES & F
331 Marshall Hall
One Forestry Drive
Syracuse, N.Y. 13210-2778

APPENDIX 3

DOCUMENT REPOSITORIES

Locations

Hours of Operation

NYSDEC
Region 7 Office
615 Erie Boulevard
Syracuse, New York 13204
(315) 426-7400

Monday – Friday: 9AM- 5PM
by appointment

NYSDEC
50 Wolf Road, Room 224
Albany, New York 12233-7010
(518) 457-1641

Monday – Friday: 9AM- 5PM

Town of Salina
201 School Road
Liverpool, NY 13088
(315) 457-2710

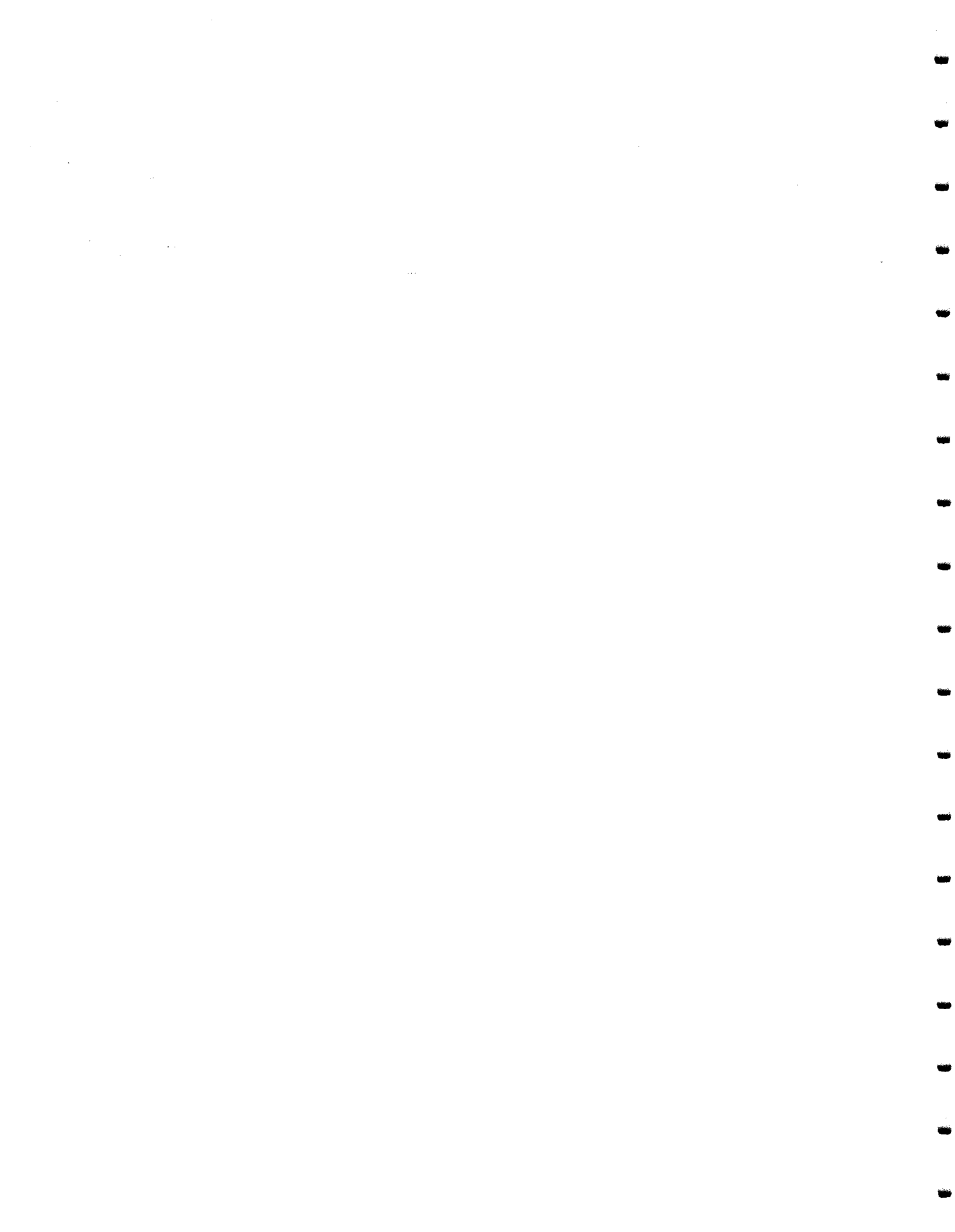
Monday – Friday: 9AM-4PM

Salina Free Library
100 Belmont
Syracuse, NY 13211
(315) 454-4524

Monday & Wednesday: 10AM – 8PM
Tuesday & Thursday: 1PM- 8 PM
Friday & Saturday: 1PM-5PM

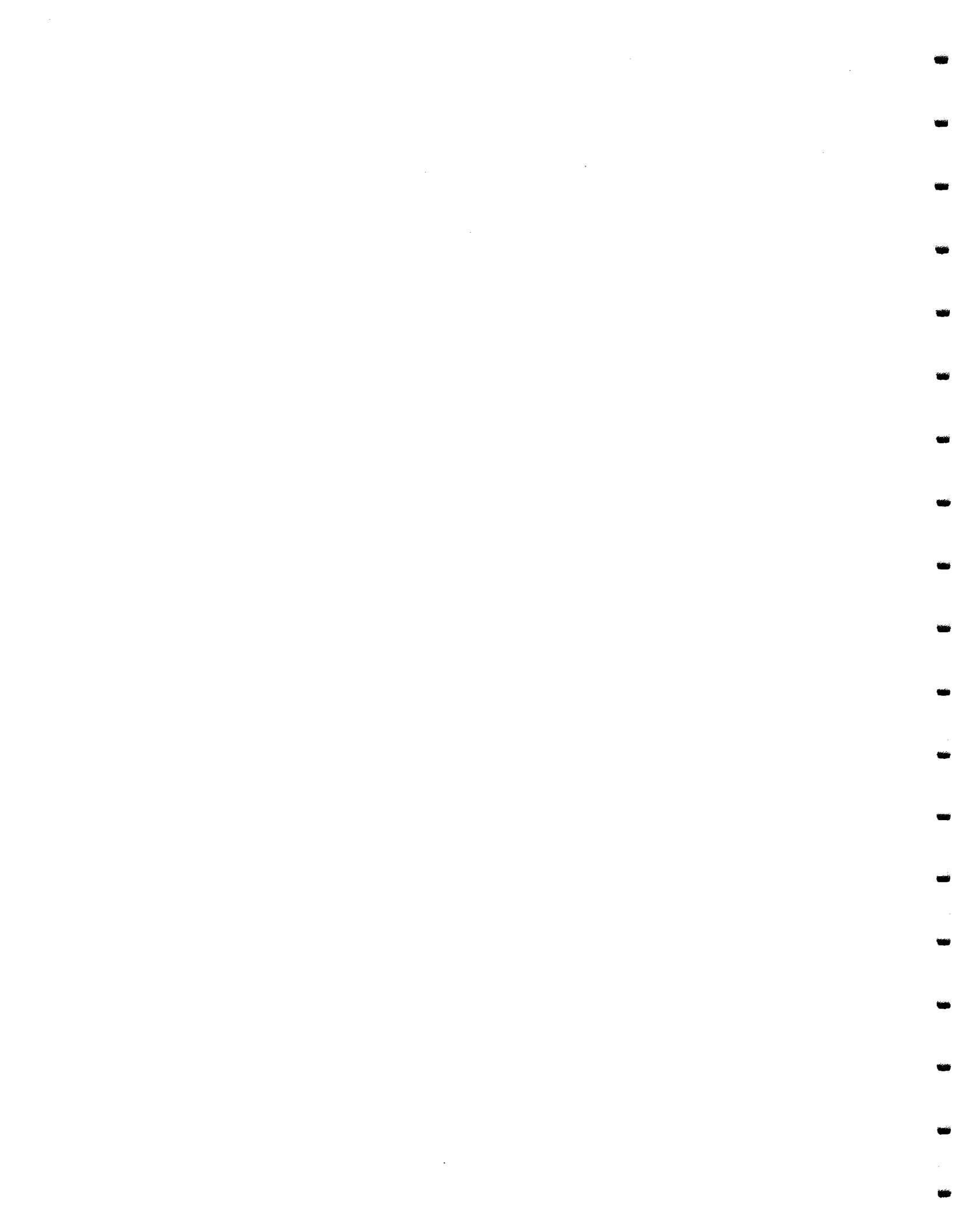
Onondaga County Public Library
447 South Salina Street
Syracuse, New York 13202

Monday, Thursday, Friday, Saturday: 9AM-5PM
Tuesday & Wednesday: 9AM - 8:30 PM

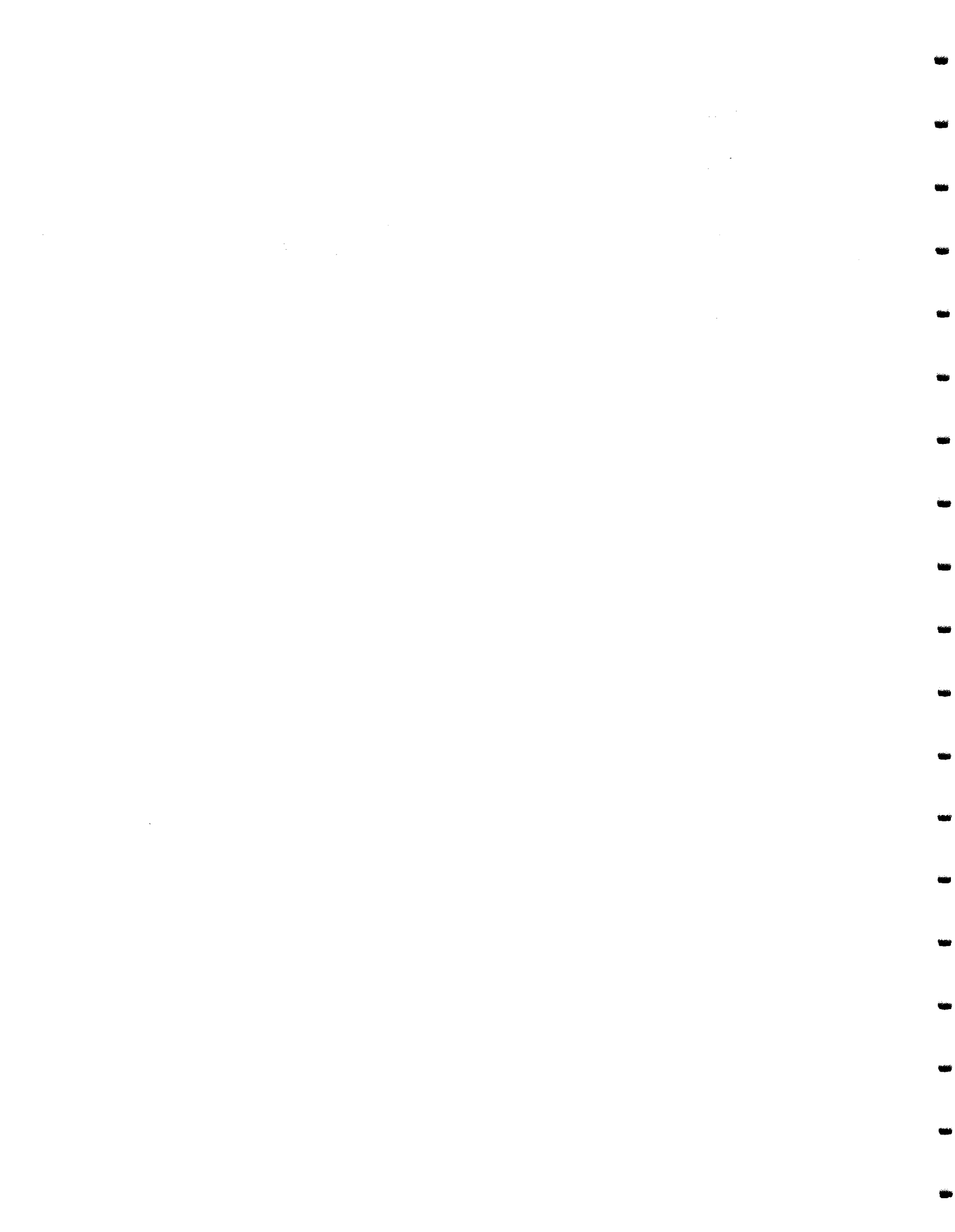


APPENDIX 4
PROJECT CP SCHEDULE

MILESTONE	CP ACTIVITY	APPROXIMATE DATE
Work Plan Approval	Issue Fact Sheet	June 1998
Public Meeting	Issue Notice	July 1998
Completion of Remedial Investigation Report	Place in Repository	June 1999
Completion of Risk Assessment Report	Place in Repository	December 1999
Completion of Feasibility Study Report	Place in Repository	April 2000
Proposed Remedial Action Plan Issued	Place in Repository	May 2000
	Issue Fact Sheet	May 2000
	Hold Public Meeting	June 2000
Record of Decision Issued	Place in Repository	July 2000



APPENDIX 5
GLOSSARY OF TERMS



APPENDIX 5

GLOSSARY OF TERMS

GLOSSARY

This glossary defines terms associated with New York's hazardous waste site citizen participation program, and important elements of the hazardous waste site remedial program. Words in **bold** in the definitions are defined elsewhere in the glossary. A list of acronyms often used in the remedial program begins on page 20.

Administrative Record	Part of a site's Record of Decision which lists and defines documents used in the development of NYSDEC's decision about selection of a remedial action.
Availability Session	A scheduled gathering of program staff and members of the public in a casual setting, without a formal presentation or agenda but usually focusing on a specific aspect of a site's remedial process.
Citizen Participation	A program of planning and activities to encourage communication among people affected by or interested in hazardous waste sites and the government agencies responsible for investigating and remediating them.
Citizen Participation Plan	A document which must be developed at a site's Remedial Investigation stage. A CP Plan describes the citizen participation activities that will be conducted during a site's remedial process.
<u>Citizen Participation Record</u>	A document prepared at a major remedial stage which describes the citizen participation activities required at that stage. A <u>CP Record</u> also directs a scoping process to determine if additional citizen participation activities are appropriate and feasible.
Citizen Participation Specialist	A staff member from an NYSDEC central office or regional office who has specialized training and experience to assist a project manager and other staff to plan, conduct and evaluate a site-specific citizen participation program.

Classification

A process to place a hazardous waste site within a category which defines its hazardous waste status and its threat or potential threat to public health and the environment. Sites are listed along with their classifications in the **Registry of Inactive Hazardous Waste Disposal Sites**.

Class 1 - causing or representing an imminent danger of causing irreversible or irreparable damage to public health or environment – immediate action required.

Class 2 - significant threat to public health or environment – action required.

Class 2a - temporary classification assigned to a site for which there is inadequate or insufficient data for inclusion in any other classification.

Class 3 - does not present a significant threat to public health or environment – action may be deferred.

Class 4 - site properly closed – requires continued management.

Class 5 - site properly closed – no further action required.

Delisted - site no longer considered an inactive hazardous waste disposal site.

Comment Period

A time period for the public to review and comment about various documents and DER actions. For example, a 30-day comment period is provided when DER issues a **Proposed Remedial Action Plan (PRAP)**, and when DER proposes to **Delist** a site from the **Registry of Inactive Hazardous Waste Disposal Sites**.

Community Profile

A document which is prepared in support of the **Citizen Participation Records**. The Community Profile identifies important information to effectively plan a site CP program. It summarizes information about land use, population, demographics, economics and other aspects of the community around a site and helps to identify affected/interested community members.

Consent Order

A legal and enforceable agreement negotiated between NYSDEC and a **responsible party**. The order sets forth agreed upon terms by which a responsible party will undertake site investigation and/or cleanup, or pay for the costs of those activities. The order includes a description of the remedial actions to be taken by the responsible party with NYSDEC oversight, and a schedule for implementation.

Contact List

Names, addresses and/or telephone numbers of individuals, groups, organizations, government officials and media affected by or interested in a particular hazardous waste site. The size of a contact list and the categories included are influenced by population density, degree of interest in a site, the stage of the remedial process and other factors. It is an important tool needed to conduct outreach activities.

Delist	Action by which DER removes a hazardous waste site from the Registry of Inactive Hazardous Waste Disposal Sites upon determination that: the site contains inconsequential amounts of hazardous waste; or that a remediated site no longer requires Operation and Maintenance ; or that a remediated site does not require Operation and Maintenance. A proposal to delist a site triggers a public notification and comment period process.
Division of Environmental Enforcement (DEE)	A unit within the New York State Department of Environmental Conservation which works with the Division of Environmental Remediation and others to negotiate with responsible parties to achieve agreements for the investigation and remediation of hazardous waste sites. A negotiated agreement is contained in a consent order .
Division of Environmental Remediation	Formerly the Division of Hazardous Waste Remediation , a major program unit within the New York State Department of Environmental Conservation created to manage the hazardous waste site remedial program from site discovery through Operation and Maintenance activities. Staff include: engineers, geologists, chemists, attorneys, citizen participation specialists, environmental program specialists and support staff.
Division of Hazardous Waste Remediation	(See Division of Environmental Remediation .)
Document Repository	A file of documents pertaining to a site's remedial and citizen participation programs which is made available for public review. The file generally is maintained in a public building near the hazardous waste site to provide access at times and a location convenient to the public.
Enforcement	NYSDEC's efforts, through legal action if necessary, to compel a responsible party to perform or pay for site remedial activities. NYSDEC may perform this effort by itself or in concert with other agencies.
Environmental Quality Bond Act (EQBA)	The 1986 Environmental Quality Bond Act which gives New York State bonding authority of up to \$1.2 billion to fund the State's share of the total cost of remediating hazardous waste sites in New York State.
Fact Sheet	A written discussion about part or all of a site's remedial process, prepared and provided by DER to the public. A fact sheet may focus on: a particular element of the site's remedial program; opportunities for public involvement; availability of a report or other information, or announcement of a public meeting or comment period . A fact sheet may be mailed to all or part of a site's contact list , distributed at meetings, placed in a document repository and/or sent on an "as requested" basis.

Interim Remedial Measure (IRM)

A discrete action which can be conducted at a site relatively quickly to reduce the risk to people's health and the environment from a well-defined hazardous waste problem. An IRM can involve removing contaminated soil and drums, providing alternative water supplies or securing a site to prevent access.

National Priorities List

The U.S. Environmental Protection Agency's list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial response using money from a special trust fund.

New York State Department of Health

Agency within the executive branch of New York State government which: performs health-related inspections at suspected hazardous waste sites; conducts health assessments to determine potential risk from environmental exposure; reviews Risk Assessments prepared during the **Remedial Investigation and Feasibility Study**; conducts health-related community outreach around sites; and reviews remedial actions to assure that public health concerns are adequately addressed.

New York State Department of Law

Agency within the executive branch of New York State government which takes the lead on hazardous waste sites requiring civil enforcement through court action. Litigation can involve negotiations and court action with **responsible parties** to clean up sites; natural resource damage claims, and recovery of remedial costs.

New York State Registry of Inactive Hazardous Waste Disposal Sites

The "Registry." A document which NYSDEC is directed by law to maintain and which lists and provides information about every hazardous waste site in New York State which meets criteria established through a definition of hazardous waste and a **classification** system.

Operable Unit

A discrete part of an entire site that produces a release, threat of release, or pathway of exposure. An Operable Unit can receive specific investigation, and a particular remedy may be proposed. A **Record of Decision** is prepared for each Operable Unit.

Operation and Maintenance

A period in which remedial action may be conducted following construction at a site (for example, operation of a "pump and treat" system), or which is performed after a remedial action to assure its continued effectiveness and protection of people's health and the environment. Activities can include site inspections, well monitoring and other sampling.

Preliminary Site Assessment (PSA)

A PSA is DER's first investigation of a site. A PSA is performed to determine if a site meets New York State's definition of an inactive hazardous waste disposal site by confirming the presence of hazardous waste and determining if the site poses a significant threat to public health or the environment.

Project Manager	An NYSDEC staff member within the Division of Environmental Remediation (usually an engineer, geologist or hydro geologist) responsible for the day-to-day administration of remedial activities at, and ultimate disposition of, a hazardous waste site. The Project Manager works with legal, health, citizen participation and other staff to accomplish site-related goals and objectives.
Proposed Remedial Action Plan (PRAP)	An analysis by DER of each alternative considered for the remediation of a hazardous waste site and a rationale for selection of the alternative it recommends. The PRAP is created based on information developed during the site's Remedial Investigation and Feasibility Study . The PRAP is reviewed by the public and other state agencies.
Public Meeting	A scheduled gathering of Division of Environmental Remediation staff with the affected/interested public to give and receive information, ask questions and discuss concerns about a site's remedial program. Staff from other NYSDEC divisions, legal and health staff, and staff from consultants and a responsible party often also attend. A public meeting, unlike an availability session , generally features a formal presentation and a detailed agenda.
Reclassification	A process by which DER redefines the threat posed by a hazardous waste site to public health and the environment by developing and assessing site information and, based on findings and conclusions, assigning a new classification code.
Record of Decision (ROD)	A document which provides definitive record of the cleanup alternative that will be used to remediate a hazardous waste site. The ROD is based on information and analyses developed during the Remedial Investigation/Feasibility Study and public comment.
Remedial Construction	The physical development, assembly and implementation of the remedial alternative selected to remediate a site. Construction follows the Remedial Design stage of a site's remedial program.
Remedial Design	The process following finalization of a Record of Decision in which plans and specifications are developed for the Remedial Construction of the alternative selected to remediate a site.
Remedial Investigation/ Feasibility Study (RI/FS)	The RI fully defines and characterizes the type and extent of hazardous waste contamination at the site. The FS, which may be conducted during or after the RI, uses information developed during the RI to develop alternative remedial actions to eliminate or reduce the threat of hazardous waste contamination to public health and the environment.
Responsible Party	An individual or business who: currently owns or operates a hazardous waste site; or historically owned or operated a site when hazardous waste was disposed; or generated hazardous waste at a site; or transported hazardous waste to a site.

Responsiveness Summary	A written summary of major oral and written comments received by DER during a comment period about key elements of a site's remedial program, such as a Proposed Remedial Action Plan , and DER's response to those comments.
Site Issues and Information Scoping Sheet	A document prepared to support each Citizen Participation Record . Each Scoping Sheet identifies issues and information important to DER and the community and information that needs to be exchanged at a particular remedial stage.
Site Program Profile	A document prepared to support the Citizen Participation Records . The Site Program Profile adds to information about a site contained in the Registry by summarizing investigation and remediation activities to be performed.
Superfund	The common name for the Federal program established by the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended in 1986. The Superfund law authorizes the U.S. Environmental Protection Agency to investigate and clean up sites nominated to the National Priorities List .
Title 3 Project	Remediation of a municipally owned site through the State Superfund Title 3 Program whereby New York State pays 75 percent of eligible costs for remediation and the municipality pays 25 percent.
Toll-Free "800" Number	An information line maintained by the Division of Environmental Remediation to provide convenient access for people who have questions, concerns or information about hazardous waste sites and their remedial programs.

ACRONYMS

AG	--	New York State Attorney General's Office
ARAR	--	Applicable, Relevant and Appropriate Requirement
C & D	--	Construction and Demolition Debris
CERCLA	--	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CO	--	Consent Order
CP	--	Citizen Participation
CPP	--	Citizen Participation Plan
CPS	--	Citizen Participation Specialist
CQC/CQA	--	Construction Quality Control/Construction Quality Assurance
DEE	--	Division of Environmental Enforcement
DER	--	Division of Environmental Remediation, formerly the Division of Hazardous Waste Remediation
DHWR	--	Division of Hazardous Waste Remediation, now the Division of Environmental Remediation
DOD	--	Department of Defense
DOL	--	Department of Law
DOW	--	Division of Water

ENB	--	Environmental Notice Bulletin
EQBA	--	1986 Environmental Quality Bond Act
EPA	--	Environmental Protection Agency
F & W	--	Division of Fish and Wildlife
FDA	--	Food and Drug Administration
FSF	--	Federal Superfund
FOIL	--	Freedom of Information Law
FS	--	Feasibility Study
FY	--	Fiscal Year
GPM	--	Gallons Per Minute
HeLP	--	Health Liaison Program
IRM	--	Interim Remedial Measure
mg/kg	--	milligrams per kilogram
NAPL	--	Non-Aqueous Phase Liquid
NPL	--	National Priorities List
NYSDEC	--	New York State Department of Environmental Conservation
NYSDOH	--	New York State Department of Health
O & M	--	Operation and Maintenance
OSHA	--	Occupational Safety and Health Administration
OU	--	Operable Unit
PAH	--	Poly-Aromatic Hydrocarbon
PCB	--	Poly-Chlorinated Biphenyl
PM	--	Project Manager
ppm/ppb/ppt	--	parts per million/parts per billion/parts per trillion
PRAP	--	Proposed Remedial Action Plan
PRP	--	Potentially Responsible Party
PRS	--	Priority Ranking System
PSA	--	Preliminary Site Assessment
QA/QC	--	Quality Assurance/Quality Control
RA	--	Remedial Action
RCRA	--	Resource Conservation and Recovery Act
RD	--	Remedial Design
RFP	--	Request for Proposals
RHWRE	--	Regional Hazardous Waste Remediation Engineer
RI	--	Remedial Investigation
RI/FS	--	Remedial Investigation/Feasibility Study
ROD	--	Record of Decision
RP	--	Responsible Party
SSF	--	State Superfund
TAGM	--	Technical and Administrative Guidance Memorandum
TCLP	--	Toxicity Characteristic Leaching Procedure
TSDF	--	Treatment, Storage and Disposal Facility
ug/l	--	micrograms per liter
USGS	--	U.S. Geological Service
VOC	--	Volatile Organic Compound

