

UPDATE UPDATE UPDATE UPDATE UPDATE UPDATE	Study and Clean Up Program	UPDATE UPDATE UPDATE UPDATE UPDATE UPDATE
	HYDE PARK LANDFILL	

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 Division of Solid Waste

ROBERT F. FLACKE, *Commissioner*

NORMAN H. NOSENCHUCK, P.E., *Director*

VOLUME 1



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About This Issue

This is the first issue of the Hyde Park/Bloody Run UPDATE. We hope that you will find it informative and timely. Since this is the first issue, much of the material covered is intended to fill you in on the history of the site, and what has transpired so far.

Future issues will be much shorter, covering current activities at the site, what documents are ready for your review and reporting on the type of citizen input we have received.

If you have any suggestions or questions about the "UPDATE" please write to me at Room 505, 50 Wolf Road, Albany, New York 12233.

I look forward to hearing from you.

Michael J. Cavanaugh
 Citizen Participation
 Specialist

Background Information

The Hyde Park landfill is situated in the extreme northwest corner of the Town of Niagara, New York, in a small industrial complex on the fringe of a residential area. The disposal site is roughly triangular in shape with a surface area of approximately 15 acres. Bloody Run Creek, which drains the area which includes the landfill, runs north from the landfill, through a conduit under the Greif Brothers Plant, through a residential neighborhood, and as an underground storm drain along the edge of Niagara University. It eventually drains into the Niagara River 3 miles below Niagara Falls.

The landfill was operated by Hooker Chemical and Plastics Corporation from about 1953 to about 1975. This site, which is still owned by Hooker Chemical (now known as Occidental Chemical Corporation, OCC) was used to dispose of an estimated 80,200 tons of drummed and non-drummed chemical wastes produced by the Specialty Chemical Division from the manufacture of a variety of pesticides and other organic chemicals. Many of these chemical wastes are hazardous.

"background information" continued...

In August of 1972, the Department of Environmental Conservation and the Niagara County Health Department approved closure plans for this site. The closure included: grading and clay capping the site; perimeter drainage tile and collection sumps for leachate; and perimeter security fencing. The original closure was completed in 1977. The need for additional work was recognized and pursued with Hooker by DEC in 1978 as information on the chemicals migration was developed. Remedial activities were recommended and undertaken to completion by early 1980. These included: additional clay capping of the site, lining of drainage ditches, installation of a deeper drain system for leachate, covering the lagoons to control odor and the fencing-in of Bloody Run Creek.

In December 1979, the EPA filed an environmental lawsuit in the United States District Court against OCC because of conditions caused by the Hyde Park landfill. The suit sought injunctive relief and monetary damages pursuant to sections of the Resource Conservation and Recovery Act, the Clean Water Act and the River and Harbors Act. The State of New York later became party to the suits as a plaintiff.

In January 1981, after extensive negotiations, Hooker, the EPA and the State of New York notified the Court that they had agreed upon a settlement. This settlement agreement was filed with the Court on January 19, 1981.

Because of the potential impact upon the residents of the Community, the parties conducted a public hearing at Niagara University on February 19, 1981.

Four environmental groups indicated an extreme interest in this case. As recognition of their standing, the Court granted the Ecumenical Task Force, Pollution Probe and Operation Clean - Niagara the status of amicus curiae. The fourth group, the College Heights Property Owners Association and an individual, Mr.

Norman Martelli were granted intervenor status. Eight days of hearings were held exploring the details of the settlement agreement, the objections of the amici and the intervenor and alternative solutions, producing a transcript of 2,000 pages of testimony from 15 expert witnesses.

On April 30, 1982, the Court approved the Hyde Park Settlement Agreement, outlining the study and clean-up program to be undertaken at the Hyde Park landfill.

June 30, 1982, marked the formal "effective date" of the Agreement. On July 9, 1982, OCC made its first submission of documents describing the field studies it will perform in preparation for final design of the remedial construction. At this time, field work has begun. OCC is now installing survey wells to determine the extent of groundwater contamination originating at the Hyde Park Landfill.

For Hyde Park Information in Niagara Falls . . .

The United States Environmental Protection Agency (EPA) has opened a Hyde Park information office at 706 9th Street, Niagara Falls. Located in the Carson Building at the corner of Pine Avenue and 9th Street, this office will house staff who can provide information about the Hyde Park Landfill site and answer your questions about the study and clean-up program. All documents available for public review will be on file at this convenient location.

The office is open from 9 a.m. - 5 p.m. on Monday's, Wednesday's, and Friday's and 12 Noon - 8 p.m. Tuesday's and Thursday's. Call Sharon Thompson (716) 285-8842 for further information.

Test Well Drilling Begins

On October 13, 1982, the first well to determine the extent of chemical movement from the Hyde Park Landfill was drilled at site "D-1" located near Robert Moses Parkway and Lafayette Avenue.

Trained personnel, utilizing approved drilling methods will examine the soil samples taken at the site for obvious signs of contamination, both visual and smell. When the drill reaches bedrock, it will be extracted, and a steel well casing will be cemented into place in the hole. This casing will provide easy access for future testing of the bedrock and groundwater for possible contaminants.

To prevent possible contamination of the site with wastes brought the surface by the drill auger, a plastic sheet will cover the ground surrounding the drill rig, a plywood platform is placed around the drill itself and all soil brought up to the surface is immediately placed in steel drums for safe disposal. The drill rig and truck is cleaned of all visible mud and dirt before leaving the site. The drill auger and any equipment that is inserted into the hole is cleaned in a specially designated area near the landfill at the completion of work for the day.

The listing below indicates the sequence date and locations of drilling of the test wells in the near future. This schedule is subject to change due to weather, equipment performance, or other factors which may affect the crews ability to complete their assignments.

See the attached map for approximate site locations.

TENTATIVE DRILLING SCHEDULE

As of November 4, the following wells have been drilled and the steel casings installed:

D-1, C-1, F-1, E-1, G-1, H-1, C-3, G-2, F-3, E-3, G-3, D-2, H-2, D-5, C-4, B-1, B-3, A-2, A-1a, J-1, J-2, J-4, D-4, H-2, I-4, G-3, E-3, D-6, and C-5,

The order of drilling for the next 3 weeks is listed below. We can reasonably expect the crews to complete about 2 wells per day. Equipment malfunction, weather and other unforeseen events may affect this schedule.

Following is the order of wells slated for future work:

H-4, G-4, F-4, A-4, C-4, I-1, I-2, B-3, OW33-82*, J-4, OW34-82*, I-4, OW35-82*, OW36-82*, OW37-82*.

* NOTE: The observation wells listed as "OW" are not shown on the enclosed map. They are wells that will be placed in the cover layer of the landfill itself.

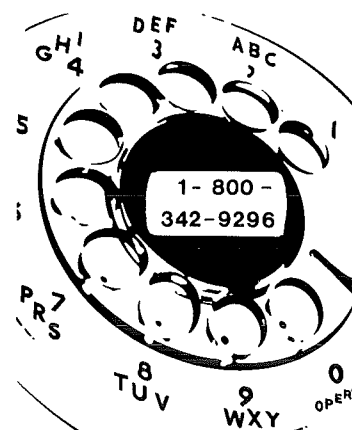
Toll Free Line Available

In order to make it easier for people concerned about the Hyde Park Landfill to ask questions or have their comments recorded, the Department of Environmental Conservation has opened a Toll Free "800" telephone line. This telephone will be answered by members of DEC's Citizen Participation unit who will listen to your questions and either provide an answer immediately or get back to you with accurate information.

The telephone line is open from 9 a.m. - 5 p.m. Monday thru Friday. If our staff is busy, and cannot immediately answer the phone, you may occasionally get a recorded message inviting you to leave your name and telephone number. We will get back to you as soon as possible.

If you want to talk to us, please call 1-(800)-342-9296.

We look forward to hearing from you!



Documents Available For Review

1. Hooker Quality Assurance, Project Plans - Specifications for the Soil and Aquifer Survey Programs.
2. Appendix D - Analytical Protocols for Hyde Park/Bloody Run Settlement Agreement - SOIL
3. Appendix E - Analytical Protocols for Hyde Park/Bloody Run Settlement Agreement - WATER
4. Quality Assurance Project Plans for Remedial Work at the Hyde Park Landfill.
5. Appendix I - Sampling of Existing Barrier Collection System at Hyde Park Landfill.
6. Technical Proposal to Conduct Quantitative Risk Assessment for Bloody Run Capping/Excavation Option.
7. Equipment Cleaning Area - Site Plan and Details.
8. Fence Installations.
9. Letter from OCC - re: Bloody Run Option Evaluation.
10. Appendix K - Operations Plan for Hyde Park Leachate Treatment System.
11. Appendix J - Hyde Park Quality Assurance Project Plan Analytical Protocols for Leachate Treatment System.
12. OCC Activity List/Project Management Schedule.
13. OCC Construction Activities - Weather Dependency.
14. Hyde Park Remedial program - Responses to EPA/State letters of 7/28 and 8/9.
15. Plans and Drawings of:
 - a) Site Plan - Drawing #9.
 - b) Hooker Wash Facility-Drawing #10.
 - c) Bedrock Survey Well Locations-Drawing #30.
 - d) Individual Survey Well Locations-Figures 1-41.
 - e) Attachment #1 Polyethylene Tubing Test Plan.
 - f) Attachment #2 Statistical Comparison of Analytical Data obtained from Niagara Plant and Effluent.
 - g) Attachment #3 Validation procedure for Soil Analysis.
16. Revised Plans and Protocols:
 - a) Hyde Park Quality Assurance Plans App. F.
 - b) Hyde Park Quality Assurance Plans App. C.
 - c) Hyde Park Quality Assurance Plans App. D.
 - d) Hyde Park Quality Assurance Plans App. E.
 - e) Hyde Park Quality Assurance Plans App. H.
17. Revised copy of Activity list and Project Management Schedule.
18. Settlement agreement Monitoring Programs.

We Want You To Be Involved

You, the active citizens, workers and residents of the Hyde Park - Bloody Run area are an important factor in our program to study and clean up the landfill and the surrounding area. In order to keep you informed and involved we have established the following methods to help us communicate with each other.

1. This newsletter, which will be published periodically, will help keep you up-to-date on what's happening, and what will happen in the near future.
2. The toll-free line [(800) 342-9296] puts you in direct communication with our professional staff so that we can hear your concerns or comments and take them into consideration in our planning and review process. We will try to answer your questions to the best of our ability.

3. All documents specific to the plans for the study and clean up efforts are available for your review at the DEC office in Buffalo and the EPA Office in Niagara Falls. If you have any comments on these documents, you have up to 30 days from the time the document has been released to respond in writing.

Your concerns and comments are important to us. We want to hear from you.



☐ Please correct my name or address as listed below

☐ Please add the following name to your mailing list

☐ I do not want to be included on your mailing list

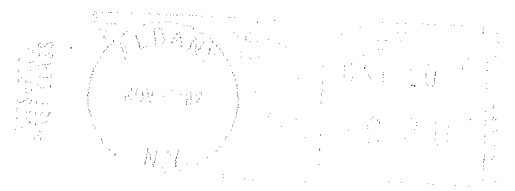
NAME _____

ADDRESS _____

Send to : N.Y.S. Dept. of Environmental Conservation
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