



**Dover Township Childhood Cancer Investigation
Public Health Response Plan**


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Prepared by:

New Jersey Department of Health and the
Agency for Toxic Substances and Disease Registry

in coordination with the

Citizens Action Committee on Childhood Cancer Cluster and the
Ocean County Health Department



SUMMARY OF PUBLIC HEALTH RESPONSE PLAN AND ANTICIPATED OUTCOMES

The New Jersey Department of Health (NJDOH) and the federal Agency for Toxic Substances and Disease Registry (ATSDR), in coordination with the Citizens Action Committee on Childhood Cancer Cluster (CACCCC) and the Ocean County Health Department, have developed a Public Health Response Plan to investigate childhood cancer incidence in Dover Township, Ocean County, New Jersey. An analysis by NJDOH in 1995 indicated an unusual occurrence of childhood brain and central nervous system cancer in part of the Township in the period 1979 through 1991. In response to expressed community concerns, this plan was developed to update and re-evaluate information on childhood cancer incidence and to explore environmental issues of concern to the community.

This Public Health Response Plan consists of two health consultations that will better define past and current off-site exposure pathways related to the Ciba-Geigy and Reich Farm Superfund sites. A third health consultation will be performed in cooperation with the New Jersey Department of Environmental Protection (NJDEP) that will evaluate current and historic water quality data from the public water system in Dover Township. These evaluations will include a review of toxicological data on contaminants of concern to determine the potential for carcinogenic and non-carcinogenic adverse health effects.

A fourth consultation will consist of a re-analysis of childhood cancer incidence based on an updated compilation of all children (age 0 to 19 years) diagnosed with a reportable cancer since 1979, who were residents of Dover Township, Ocean County at the time of diagnosis, and interviews of the families of children with cancer to generate hypotheses about possible causes of those forms of cancer in which there are increased rates in Dover Township.

NJDOH and ATSDR will also develop a community and health professionals education program targeting issues related to childhood cancer and the findings from the four health consultations described above. NJDOH and ATSDR will work together to include New Jersey in ATSDR's national study of brain cancer incidence in relation to National Priorities List (NPL) sites, and will work with the NJDEP and the U.S. Environmental Protection Agency (EPA) to compile a compendium of environmental contamination sources in Dover Township.

Most of the actions described above are projected to be completed by the end of October 1996, with the remaining actions projected to be completed by the end of December 1996. Additional follow-up actions will be considered, in coordination with CACCCC, once all activities above are complete.

**Dover Township Childhood Cancer Investigation
Public Health Response Plan (PHRP)**

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I. Background and Statement of Issues

In response to community concerns about childhood cancer in Dover Township, Ocean County, New Jersey, the New Jersey Department of Health (NJDOH) and the Agency for Toxic Substances and Disease Registry (ATSDR) will investigate the incidence of reportable cancer among children in this community and will examine its possible relationship to environmental and other factors. NJDOH will take the lead on activities relating to this investigation, with ATSDR providing technical and other assistance. The Ocean County Health Department will provide assistance to both NJDOH and ATSDR during the investigation, and environmental investigations will be conducted in coordination with the U.S. Environmental Protection Agency (USEPA) and the New Jersey Department of Environmental Protection (NJDEP).

The primary community concerns relate to the increased rate of childhood brain and central nervous system cancer in parts of Dover Township. An evaluation by NJDOH in 1995 showed that the occurrence of childhood brain and central nervous system cancer was elevated in a four census tract area of the township. The community is concerned about the possibility that exposure to environmental contaminants may be related to the incidence of these childhood cancers. Specifically, the community has expressed concerns about the Ciba-Geigy and the Reich Farm Superfund sites. One of the major concerns relating to Ciba-Geigy is the possible exposures to contaminants that were released from breaks in the wastewater pipeline that occurred in the 1980s. The Reich Farm site is a source of contaminants to the aquifer that provides drinking water (public and private sources) to the Toms River/Dover Township community. Some community members have also expressed concern about the scope and quality of the routine testing that is performed on the treated water from this contaminated aquifer.

The Citizens Action Committee on Childhood Cancer Cluster (CACCCC) was formed by concerned parents and other citizens to serve as a liaison between the involved agencies and the community. An earlier draft of this Public Health Response Plan was presented to the CACCCC for comment on April 17, 1996. As data and information become available, the CACCCC will be asked for advice on how to best address community concerns.

II. Actions Planned

NJDOH and ATSDR have developed this Public Health Response Plan (PHRP) to begin an investigation into the occurrence of reportable childhood cancer in Dover Township, Ocean County, New Jersey. The purpose of the PHRP is to start a systematic process to compile and validate information on the occurrence of different types of childhood cancer in the community (in accordance with tumor classification standards), and to generate hypotheses that may trigger epidemiologic studies of possible causes. Specific environmental issues of concern will be examined in parallel to characterize the potential for past and current exposures in the community. Details of the PHRP are found in the following pages. In summary, NJDOH and ATSDR are planning to perform a series of four health consultations. Three consultations will characterize possible environmental exposure pathways related to Superfund sites (Ciba-Geigy and Reich Farm) and the public water supply. A fourth consultation will involve an updated childhood cancer incidence analysis and case series interviews to generate hypotheses related to occurrence.

1,2. **Ciba-Geigy and Reich Farm Health Consultations** These consultations will evaluate past and current human exposure pathways associated with the Ciba-Geigy and the Reich Farm Superfund sites. Existing information will be examined in cooperation with USEPA, NJDEP, and local health and other agencies. If needed to better define current exposure pathways, supplemental environmental and/or biomedical monitoring will be undertaken.

3. **Public Water Supply Health Consultation** This consultation will provide an interpretive summary of the comprehensive analysis of samples of the United Water Company/Toms River public water system (and other nearby public supplies) taken beginning in March 1996. It will include complete reporting of chemicals analyzed, results, guidelines, historical data, and a review of relevant toxicologic and epidemiologic information.

4. **Childhood Cancer Incidence Analysis Health Consultation** This consultation includes two distinct activities: i) compilation of a complete, verified list of childhood cancer cases occurring since 1979, followed by an updated analysis of cancer rates; and ii) interviews of families of children with selected cancers to generate defined hypotheses for possible further epidemiologic investigation.

In addition to the four consultations, NJDOH and ATSDR will work with the CACCCC to plan and conduct an education program for the community and local health professionals. NJDOH and ATSDR will also work with the NJDEP and the USEPA to compile a compendium of environmental contamination sources in Dover Township. ATSDR and NJDOH will also add the State of New Jersey in the ATSDR National Study of Brain Cancer Incidence Near National Priorities List (NPL) Sites.

1. CIBA-GEIGY HEALTH CONSULTATION

Purpose: To evaluate all known and potential off-site exposure pathways related to the Ciba-Geigy site. Information from this evaluation will be considered in the evaluation of childhood cancer cases in the Dover Township area.

Anticipated Timeline:

Draft health consultation to CACCCC by November 30, 1996

NJDOH/ATSDR Actions:

- a. Review USEPA, NJDEP, and local agency data and information on the Ciba-Geigy site as it relates to the evaluation of known or potential off-site exposure pathways, and identify contaminants of concern based on concentrations at exposure points and on toxicologic properties. These exposure pathways include (but are not limited to) those associated with contaminated groundwater, soils and sediments.
- b. Review toxicological data on contaminants of concern released from the Ciba-Geigy site to determine carcinogenic potential and possible non-carcinogenic effects. To the extent that toxicologic information exists, synergistic/interactive effects of exposures to contaminants of concern will be considered.
- c. Discuss with CACCCC potential exposure pathways related to the site. NJDOH and ATSDR need information on potential exposures related to the breaks in the wastewater pipeline that occurred in the 1980's.
- d. To better define potential exposure pathways when existing data are inadequate, develop a sampling plan and perform appropriate environmental sampling. Environmental sampling needs will be determined during the first two months of the evaluation, and will be based on inadequacy of data at suspected exposure points in relation to a known or potential Ciba-Geigy-related pathway. Sampling plans will be developed in coordination with the Ocean County Health Department, USEPA, NJDEP, and the CACCCC.
- e. If needed to better define a human exposure pathway, perform appropriate biomedical testing.
- f. Evaluate all data and information gathered in actions a through e, in the form of an NJDOH/ATSDR health consultation. A draft health consultation will be provided to the CACCCC upon completion and in accordance with review

procedures of ATSDR and NJDOH.

Status:

- a. NJDOH and ATSDR are gathering data and information from the USEPA, NJDEP, and the Ocean County Health Department to use in the health consultation. Several meetings with agency officials have occurred and file reviews are in progress.
- b. ATSDR's Division of Toxicology is gathering data on contaminants of concern identified from previous ATSDR public health evaluations.
- c. NJDOH and ATSDR met with the CACCCC on April 17, 1996 to present the PHRP, and on May 9, 1996 to discuss CACCCC comments on the PHRP. Information from the community on potential exposure pathways from the Ciba-Geigy site was obtained during the April 17 and May 9 meetings and through field visits on April 18 and 19 and June 4, 1996.
- d. Based on initial file reviews, NJDOH and ATSDR intend to develop a sampling plan by the July 15, 1996 to discuss with the CACCCC.
- e. Status will depend on results of action items a through d.
- f. To be determined. (See Anticipated Timeline above.)

2. REICH FARM HEALTH CONSULTATION

Purpose: To evaluate known and potential exposure pathways related to the Reich Farm site, with particular emphasis on groundwater/potable water contamination. Information from this evaluation will be considered in the evaluation of childhood cancers in the Dover Township area.

Anticipated Timeline:

Draft health consultation to CACCCC by November 30, 1996

NJDOH/ATSDR Actions:

- a. Review USEPA, NJDEP, and local agency data and information on the Reich Farm site as it relates to the evaluation of known or potential off-site exposure pathways, and identify contaminants of concern based on concentrations at exposure points and on toxicologic properties. These exposure pathways include (but are not limited to) those associated with private wells and public potable water. The Parkway well field, tested as part of the consultation described on page 7 below, will be specifically evaluated as part of this consultation.
- b. Review toxicological data on contaminants of concern released from the Reich Farm site to determine carcinogenic potential and possible non-carcinogenic effects. To the extent that toxicologic information exists, synergistic/interactive effects of exposures to contaminants of concern will be considered.
- c. Discuss with CACCCC potential exposure pathways related to the site.
- d. To better define potential exposure pathways when existing data are inadequate, develop a sampling plan and perform appropriate environmental sampling. Environmental sampling needs will be determined during the first two months of the evaluation, and will be based on inadequacy of data at suspected exposure points in relation to a known or potential Reich Farm-related pathway. Sampling plans will be developed in coordination with the Ocean County Health Department, USEPA, NJDEP, and the CACCCC.
- e. If needed to better define a human exposure pathway, perform appropriate biomedical testing.
- f. Evaluate all data and information gathered in actions a through e, in the form of an NJDOH/ATSDR health consultation. A draft health consultation will be

provided to the CACCCC upon completion and in accordance with review procedures of ATSDR and NJDOH.

Status:

- a. NJDOH and ATSDR are gathering data and information from the USEPA, NJDEP, and the Ocean County Health Department to use in the health consultation. Meetings with agency officials have occurred and file reviews are in progress.
- b. ATSDR's Division of Toxicology is gathering data on contaminants of concern identified from a previous ATSDR public health assessment.
- c. NJDOH and ATSDR met with the CACCCC on April 17, 1996, to present the PHRP and on May 9, 1996, to discuss CACCCC comments on the PHRP. Information from the community on potential exposure pathways from the Ciba-Geigy site was obtained during the April 17 and May 9 meetings and through field visits on April 18 and 19 and June 4, 1996.
- d. Based on initial file reviews, NJDOH and ATSDR intend to develop a sampling plan by July 15, 1996 to discuss with the CACCCC.
- e. Status will depend on results of action items a through d.
- f. To be determined. (See Anticipated Timeline above.)

3. DOVER TOWNSHIP PUBLIC WATER HEALTH CONSULTATION

Purpose: To evaluate the current and historic potential exposure pathways related to the Dover Township public water supply. Information from this evaluation will be considered in the evaluation of childhood cancers in the Dover Township area.

Anticipated Timeline:

Draft health consultation to CACCCC by August 31, 1996

NJDOH/ATSDR Actions:

- a. Sample all points of entry into the United Water Company/Toms River water supply system, and selected wells feeding into the points of entry. Sample the distribution system at representative points. Analyze samples for a comprehensive set of organic, inorganic, and radiological contaminants.
- b. In cooperation with NJDEP, review NJDEP Bureau of Safe Drinking Water past and current data and information from the United Water Company/Toms River supply.
- c. Review toxicological data on contaminants of concern detected in the public water supplies to determine the potential for carcinogenic and non-carcinogenic adverse health effects. To the extent that toxicologic information exists, synergistic/interactive effects of exposures to contaminants of concern will be considered.
- d. In cooperation with NJDEP, evaluate all data and information gathered in actions a through c, in the form of an NJDOH/ATSDR health consultation. A draft health consultation will be provided to the CACCCC upon completion and in accordance with review procedures of ATSDR and NJDOH.

Status:

- a. NJDOH, in coordination with the NJDEP and the Ocean County Health Department, sampled 23 school water supplies on March 28, 5 points of entry and 9 wells on April 4, 1996, and another point of entry on April 24, 1996. The laboratories of NJDOH and NJDEP have completed analyses of the samples for over 200 parameters; some analyses are pending. Available analytical results of the school water testing were presented to the CACCCC on April 17 and May 7, 1996 and to the public on May 8, 1996 through a

taped television production, live call-in show, and an open public meeting.

On the basis of initial findings, two wells were voluntarily taken off line by the water utility because of screening values for gross alpha radiation; schools have implemented a morning flushing program to reduce exposure to corrosion products; and United Water Company/Toms River added air stripper treatment to one well. As new points of entry are brought on-line, comprehensive sampling and analyses will be performed.

- b. NJDEP and NJDOH are compiling historic data and information on the water system for inclusion in the health consultation.
- c. NJDOH, NJDEP and ATSDR are gathering data on contaminants of concern identified in the water supply.
- d. A draft health consultation prepared by NJDOH and NJDEP is expected to be completed by the end of August 1996. NJDOH and NJDEP will share, directly with the community, water supply analytical information on an on-going basis as it becomes available.

4. CHILDHOOD CANCER INCIDENCE ANALYSIS HEALTH CONSULTATION

Purposes:

- i) To update the evaluation of childhood cancer incidence in Dover Township since 1979 in comparison to standard rates; in support of this purpose, to compile and properly classify a verified list of all children (age 0 to 19 years) diagnosed with cancer since 1979, who were residents in Ocean County at the time of diagnosis.
- ii) To generate hypotheses about possible causes for those forms of cancer in which there are increased rates in Dover Township identified by the analyses in i) above, through interviews with families of children with cancer (subsequent to Institutional Review Board (IRB) approval).
- iii) To complete a health consultation describing the incidence of childhood cancer and the outcome of the case series interviews.

Anticipated Timelines:

Draft health consultation to CACCCC by December 31, 1996

NJDOH/ATSDR Actions:

In support of i) through iii), NJDOH will establish a scientific and medical panel of outside experts to advise and provide peer review to NJDOH for the activities in this section.

- i)
 - a) NJDOH will contact specific hospitals to verify the completeness of reported cases to the New Jersey State Cancer Registry (NJSCR), and will examine the specific coding and classification of all cases in accordance with tumor registration standards. NJDOH will also send letters to pediatricians in Ocean and Monmouth counties reminding them of reporting requirements.
 - b) NJDOH will compare lists of children identified by Ocean of Love to those in the NJSCR, validate information, and update the Registry if necessary. Ocean of Love will obtain release consent from its participants prior to sharing information with the NJSCR.
 - c) NJDOH will develop a data analysis plan for evaluating updated cancer incidence information, obtain peer review from the expert panel, and conduct the data analyses. The plan will include case groupings for analysis (according to classification guidelines) and statistical methods to be used to determine unusual occurrence and time/space clustering.

- ii) a) NJDOH and ATSDR will assemble interviewing teams which will include at least one representative of each agency.
- b) A protocol including case series definitions, interviewing procedures, consent forms and interview instruments, will be developed by NJDOH and presented for IRB approval and concomitant review by the members of the peer panel. Upon satisfactory review, teams will invite families of cancer cases to be interviewed. A consent form will be prepared informing participating parents of the purpose of the interviews and the protection of confidentiality of responses. All collected information will be kept confidential.

A structured questionnaire for interviews of participating families will be assembled by NJDOH. Interviews with families will focus on family residential, occupational and medical histories; and other relevant environmental and personal risk factors. If available, the team will also review questionnaires conducted at an earlier date by Ocean of Love with each participating family that had filled one out.

Families of cases with diagnoses of brain and central nervous system cancers and leukemias, at a minimum, will be interviewed. Decisions regarding the interviewing of other case series will be made based on analyses in i) or on recommendations from the expert panel. A case series may include cases whose exposure histories are relevant for hypothesis generation but who were not included in statistical analyses in i), such as a case diagnosed elsewhere but who lived in Dover Township most of her/his life prior to diagnosis.

- c) Upon completion of interviews, data will be summarized and possible hypotheses will be generated for further investigation.
- iii) a) NJDOH and ATSDR will prepare a health consultation based on the i) case incidence analysis and ii) case series interviews.

Status:

The NJDOH is in the process of establishing the scientific and medical panel. Invitation letters were sent to identified experts in early June.

- i) a) NJSCR staff are auditing hospitals in Ocean, Monmouth and Atlantic Counties and have sent letters to pediatricians in Ocean and Monmouth counties. NJSCR staff have contacted all New Jersey hospitals and major childhood cancer centers in Philadelphia and New York City, requesting them to report any childhood cancer cases among children from Ocean

County.

- b) Ocean of Love is in the process of obtaining consent from its participating families and is preparing lists of patients to be submitted to the NJSCR. The NJDOH expects to receive Ocean of Love cases by June 30, 1996.
 - c) NJDOH is developing a data analysis plan for the incidence analysis, and expects to submit it to the peer panel by July 15, 1996. NJDOH expects to complete the incidence and cluster analyses by November 30, 1996.
- ii)
- a) NJDOH and ATSDR will identify key staff to serve on interviewing teams by June 30, 1996.
 - b) NJDOH is developing a protocol and associated materials for the case series investigation which will be submitted to the NJDOH IRB by July 15, 1996. Team interviews of families are expected to begin in August, 1996. Team interviews of other case series may begin as soon as August 1996 and, depending on the scope, extend through October 1996.
 - c) Analyses of the interviews will be completed by November 15, 1996.
- iii)
- a) NJDOH and ATSDR expects to complete a draft health consultation, including peer review by the panel, by the end of December, 1996.

5. INCLUSION OF NEW JERSEY IN NATIONAL STUDY OF BRAIN CANCER AND SUPERFUND SITES

Purpose: To integrate New Jersey State Cancer Registry information regarding brain cancer into ATSDR's analysis of the clustering of brain cancers in areas surrounding NPL sites to identify potential environmental exposures of concern.

Anticipated Timeline:

Study findings should be available in 1997

NJDOH/ATSDR Actions:

- a. NJDOH will provide needed data (New Jersey State Cancer Registry data for the period 1986-1990) to ATSDR.
- b. ATSDR will compile and integrate New Jersey data into the national study of brain cancers.
- c. ATSDR completes national analysis and disseminates results to NJDOH and the CACCCC.

Status:

- a. ATSDR has completed initial application procedures for access to New Jersey State Cancer Registry data, including NJDOH IRB approval, and is preparing a specific data request.
- b. ATSDR will determine whether data received can be integrated into the national study after it is received from NJDOH. ATSDR and NJDOH will keep the CACCCC informed regarding the progress of integrating the New Jersey data into the ATSDR study.
- c. Findings of the study should be available in 1997.

6. COMMUNITY AND HEALTH PROFESSIONALS EDUCATION

Purpose: To provide to the Dover Township community an integrated community and health professionals education program that targets the issues related to the health consultations being prepared by NJDOH and ATSDR.

Anticipated Timeline:

Specific activities will be conducted on an on-going basis as needs are identified

NJDOH/ATSDR Actions:

- a. NJDOH and ATSDR will work with the CACCCC, the Ocean County Health Department, the Cancer Ad Hoc Committee, the Ocean County Medical Society, and the Toms River Regional School District to develop a health education program that best fits the needs of the community of Toms River/Dover Township. Options for community educational activities include general and patient informational materials development, and presentations to community groups. Options for health professional education activities include periodic newsletters and seminars on cancer incidence and reporting.
- b. NJDOH will provide Resource Guides for Health Care Professionals for Ocean County to local physicians, nurses and other health care professionals, local health officials, and members of the CACCCC and Cancer Ad Hoc Committee upon request.

Status:

- a. NJDOH met with the CACCCC on April 17, 1996, the Ocean County Health Department on May 15, 1996, and the Cancer Ad Hoc Committee on May 15, 1996, and will continue to meet with those groups to develop a full range of educational activities for the community and health professionals. NJDOH has initiated the development of a community and health professional education plan to formalize these activities.
- b. NJDOH provided Resource Guides to 40 physicians who attended an April 18, 1996 Grand Rounds seminar; 27 Guides were sent to other physicians; 12 to the CACCCC; and 20 to the Ocean County Health Department for use by the Cancer Ad Hoc Committee. NJDOH will continue to provide these Guides upon request.

7. COMPENDIUM OF ENVIRONMENTAL CONTAMINATION SOURCES IN DOVER TOWNSHIP

Purpose: To provide an initial review of other sites and releases of contaminants in Dover Township related to previously undocumented exposure pathways.

Anticipated Timeline:

Present to CACCCC by the end of October, 1996

NJDOH/ATSDR Actions:

- a. NJDOH will coordinate with the NJDEP and the USEPA to compile data and information on releases of substances into the Dover Township environment from hazardous waste sites and spills. Special emphasis will be given to releases that may have resulted in human exposures.

Status:

- a. NJDOH will set up meetings with NJDEP and USEPA to discuss the logistics of compiling the data and information for the compendium. In May, NJDEP provided to NJDOH a copy of "Known Contaminated Sites in New Jersey (July 1995)", which contains a listing of sites in the state where contamination of soil or groundwater is confirmed and where remediation is either underway or pending characterization studies.

III. Federal/State/Local Health Agency Roles and Responsibilities

NJDOH

- Serves as lead agency for Dover Township Childhood Cancer Investigation.
- Liaison with environmental agencies (NJDEP and USEPA).
- Establish a field office in Dover Township to coordinate issues related to the childhood cancer investigation.
- Under a cooperative agreement with ATSDR, perform Ciba-Geigy, Reich Farm, Dover Township Public Water and Cancer Incidence Analysis Health Consultations.
- Sample and analyze drinking water from 23 private and parochial schools in Toms River.
- Coordinate additional environmental analyses in support of the Ciba-Geigy and Reich Farm consultations.
- Compile and properly classify a verified list of all children (age 0 to 19 years) diagnosed with any form of reportable cancer since 1979 who were residents of Ocean County at the time of diagnosis.
- Establish a peer review panel.
- Update evaluation of childhood cancer incidence in Dover Township in comparison to standard rates.
- Develop protocols and case series interview instruments, and obtain IRB review and approval.
- Conduct case series investigation through interviews of families of children with cancer.
- Work with the CACCCC, under a cooperative agreement with ATSDR, to conduct community and health professionals education programs.
- Coordinate with NJDEP and USEPA to complete the compendium of environmental contamination sources in Dover Township.
- Coordinate media activities and release of information to the public.

ATSDR

Division of Health Assessment and Consultation (DHAC)

- Provide technical assistance and review of health consultations.
- Provide medical and other staff to assist NJDOH in 1) compiling and verifying a list of all children (0 to 19 years) diagnosed with any form of reportable cancer since 1979; 2) updating the cancer and incidence rates; and, 3) meeting with the families of children in Dover Township with cancer (for case series investigation) while NJDOH conducts interviews.
- Provide a periodic update to this PHRP to all members of the investigation team and to NJDOH/ATSDR management.

Division of Health Studies

- Work with NJDOH to obtain addresses, etc. for brain cancer cases in New Jersey for the national study of brain cancers.
- Provide assistance to NJDOH/DHAC in performing the case series analysis.

Division of Toxicology

- Perform literature review of contaminants in known or potential exposure pathways related to the Ciba-Geigy and Reich Farm sites and any contaminants found in the public water system.

Division of Health Education

- Provide assistance to NJDOH in developing community and health professional education programs and materials.

Office of Regional Operations (Region II)

- Coordinate local contacts and facilitate state and local health and environmental agency coordination.
- Serve as the ATSDR point of contact for local residents; residents should be referred to NJDOH as the lead for the site.
- Facilitate ATSDR interaction with CACCCC; NJDOH is the lead for coordinating site activities with the CACCCC.

Ocean County Health Department

- Provide facilities for meetings with CACCCC, NJDOH, ATSDR, NJDEP, and EPA.
- Provide office space for Ocean of Love personnel.
- Assist NJDOH, ATSDR, NJDEP, and EPA, in sampling, interviewing, and other activities, as requested.
- Coordinate with NJDOH, ATSDR, NJDEP, and EPA with the on-going investigations relating to potential sources of contamination in Dover Township.
- Coordinate with NJDOH in preparing community and health professional education programs and materials.
- Provide laboratory facilities to NJDOH and NJDEP for sample preparation and handling.
- Attend CACCCC and public meetings.

Jersey Coast Health Planning Council, Inc. (LAB VI)

- Provide a sociodemographic summary description of Dover Township