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2874

Greeley and Hansen
Sanitary Consulting Engineers
Chicago, Illinois
Records, 1955 to 1968
4 16" boxes

This collection consists of consulting reports (first three boxes) and one box of reprints and articles by the staff of G & H and other individuals interested in various aspects of water resources. Many of the publications were written by Samuel A. Greeley and Paul Hansen.

Series: Consulting Reports, Box 1-3, 1955-1968, not all inclusive.

Box 1
1955-1968

- 1) Sewage Disposal Project, Gambles Mill Road Pumping Station, Richmond, Virginia, October, 1955. Specifications and Instructions. Approx. 200 pp., text, tables, figures. G & H file number S-217.
- 2) Objectives of Sewage Treatment and Facilities Required, Deer Island Sewage Treatment Plant, Boston, Massachusetts, October 1955. Progress Report No. 2. Compiled with Charles A. Maguire and Elson T. Killam. Approx. 100 pp., text, tables, maps. G & H S-145.
- 3) Settling Tanks, Deer Island Sewage Treatment Plant, Boston, Massachusetts, August 1956. Progress Report No. 2, Supplement No. 3. Compiled with Charles A. Maguire and Elson T. Killam. Approx. 40 pp., text, tables, figures. G & H S-145.
- 4) Detailed Studies on Hydraulic Transients and Pump Controls, Deer Island Sewage Treatment Plant, April 1956. Report to G & H, Charles A. Maguire and Elson I Killam by Pi-Square Engineering Company, Boston. Approx. 40 pp., text, tables.

1960

- 5) Report on Financing the Acquisition, Improvement, and Operation of the Woodlawn Water Company, July 1960, Fairfax County Water Authority, Virginia. "The purpose of this report is to present a description of the Woodlawn Company, an estimate of the acquisition cost, a description of improvements to be made, and estimates of future operating costs and revenues." Approx. 30 pp., text, tables, figures. G & H W-137

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1963

- 6) Report on Financing Water Works Improvements, Skokie, Illinois, April 1963. "This report summarizes the results of our studies to determine the feasibility of the proposed \$1,200,000 bond issue for water works improvements in Skokie, under the new agreement for purchase of water from Evanston and with the proposed revised rate schedule for water users." See also December 1962 Report on Water Works Improvements, G & H. Approx 15 pp., text, tables, and figures. G & H W-143.
- 7) Report on Proposed Sanitary Sewerage Project for Medellin, Colombia and Environs, December 1963, Empresas Publicas De Medellin, Medellin Colombia. Approx. 200 pp., text, tables, figures. Written in English and Spanish. G & H S-186
- 8) Report on Incinerating Plant, Whitefish Bay, Wisconsin, December 1963. "This report summarizes the results of our studies to determine the best procedures for improving the operation and increasing the capacity of the existing incinerating plant, and to estimate the effects on refuse collection and disposal costs of combining the collection of combustible and noncombustible refuse." Approx. 10 pp., text, some tables, three figures (floor plans, elevations and sections) not included in the copy. G & H G-259.

1964

- 9) Report on Refuse Disposal, Northeastern Milwaukee County, Wisconsin, January 1964. "This report summarizes the results of our studies to determine sizes and costs of feasible joint refuse disposal facilities for the contiguous municipalities of Bayside, Brown Deer, Fox Point, Glendale, River Hills, Shorewood, and Whitefish Bay, all in the northeastern section of Milwaukee County." Approx. 25 pp., text, tables, maps. G & H G-260
- 10) Project for the Expansion of Water Supply and Sewerage Facilities of Lima, Peru, Corporacion De Saneamiento De Lima, January 1964. Approx. 10 pp., text and some tables. G & H M-254

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- 11) Report on Refuse Disposal, North Suburban Council on Refuse Disposal, Wilmette, Illinois, February 1964. ". . . we have reviewed the existing refuse collection and disposal practices of the member municipalities in the North Suburban Council on Refuse Disposal, have determined the refuse quantities for which capacity should be provided now and in the future, and have developed alternate projects, including estimates of first and long range refuse disposal problem of the Council area." Communities include Deerfield, Des Plaines, Glencoe, Glenview, Golf, Highland Park, Kenilworth, Mt. Prospect, Niles Northbrook, Northfield, Park Ridge, Skokie, Wilmette, Winnetka. Approx. 90 pp., text tables, Maps. G & H G255.
- 12) Municipal Refuse Collection and Disposal, Office for Local Government, New York State, September, 1964. "This manual is a working guide. It sets forth in non-technical language the basic considerations in providing refuse service, the methods available, comparative costs, sanitary code requirements, procedures to be followed, and offers practical suggestions for planning and carrying out a successful refuse collection and disposal project." Approx. 69 pp., text, tables, figures.
- 13) Report on the Present Charges by Saint Paul for Sewage Disposal, Five Northeast Suburban Communities, Ramsey County, Minnesota, July 1964. "A detailed, comprehensive study has been made of the charges to the five northeast Ramsey County suburban communities (Falcon Heights, Maplewood, North Saint Paul, Roseville, White Bear Lake)... This report sets forth pertinent data relative to the fairness of present and future charges, establishes a standard of fairness for such charges, and recommends a method of computing rates for suburban sewage disposal service." Approx. 125 pp., text, tables, figures. G & H S-266.
- 14) Report on Appraisal of Water Supply Facilities of Fairview Utility Company, Mount Prospect, Illinois, November 1964. Approx. 30 pp., text, tables, figures. G & H M-250.

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1965

- 15) Notice to Bidders, Instructions to Bidders, Proposal, Bid Bond, Agreement, Performance Bond, Statutory Bond and Specifications for 1962 Waterworks Improvements, Tulsa, Oklahoma, January 1965. Approx. 200 pp., text, some tables. G & H W-141.
- 16) Feasibility Study for Sewage Disposal, Instituto Nacional De Planificacion, Lima Peru, January 1965. Part 1 - Basic Data. Approx 100 pp., text, tables, maps. . . Report written in Spanish and English. G & H S-254.
- 17) Feasibility Study for Sewage Disposal, Instituto Nacional De Planificacion, Lima, Peru, September 1965. Part 2, Project North Outfall; Part 3, Project, South Outfall. Approx. 50 pp., text, tables, figures. Report written in Spanish and English. G & H S-254.
- 18) Report on Preliminary Design, Vol. 1-Report, Marginal Pollution Control Project, Eastchester Bay, Department of Public Works, New York City, February 1965. "The design incorporated in the Preliminary Plans provides for the elimination of all discharges of untreated and unchlorinated overflows from combined sewers into Hutchinson River, Eastchester Bay and the Upper East River east of Ferry Point Park by the construction of a system of new, relief and overflow outlet sewers and treatment plants at Boston Road, Conner Street, Bushnell Avenue and Throngs Neck Boulevard." Approx. 150 pp., text, tables, figures. G & H S-237.
- 19) Report on Preliminary Design, Vol. 2 - Plans, Marginal Pollution Control Project, Eastchester Bay, Department of Public Works, New York, February 1965. This volume contains the preliminary plans and profiles of the proposed sewers and the preliminary outline plans for the four treatment plants, Approx. 150 pp., plans and figures. G & H S-237.
- 20) Report on Sewerage and Sewerage Treatment, South St. Paul, Minnesota, February 1965. Report compiled with Bannister

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- Engineering Co., St. Paul. Approx. 200 pp., text, tables, figures. G & H S-275.
- 21) Report on Design, Lake View Pumping Station, Department of Public Works, Chicago, March 1965. "The new Lake View Pumping Station, a distribution system pumping station to be located at a site on Wilson Avenue between Claredon Avenue and Marine Drive, will replace the existing Lake View Pumping Station . . . It will serve the most easterly area of the North Zone of the Chicago Water System." Approx. 180 pp., text, tables, figures. G & H W-235.
- 22) Report on Sewerage for the Northwest Area, The Metropolitan Sanitary District of Greater Chicago, July 1965. "This report summarizes the studies made to establish a program of progressive construction which will be compatible with the over-all program of sewer construction proposed in the 1962 Report. (Report on Proposed West and Northwest Sewers, G & H, June 1962)." Approx. 25 pp., tables, text, maps. G & H S-142. (In a folder)
- 23) Brief Report Prompted by a Proposal to Abandon the West Side Lagoons, The Metropolitan Sanitary District of Greater Chicago, July 1965. Approx. 20 pp., text, tables, figures. G & H S-142.
- 24) Comprehensive Sewer Project, Conversion of Trickling Filter Structure to Final Sedimentation Tank No. 5, The Greater Peoria Sanitary and Sewage Disposal District, Peoria County, Illinois, August 1965. Contains Notice to Bidders, Instructions to Bidders, Proposal, Agreement, Performance Bond and Specifications. Approx. 80 pp., text, tables, figures. G & H S-51.
- 25) Report on Incinerating Plant, Roanoke, Virginia, February 1965. Approx. 15 pp., text, tables, figures. G & H S-284.
- 26) Study and Report on Methods of Sludge Disposal at North Side Sludge Disposal Plant, Houston, Texas, September 1965. Approx. 25 pp., text, tables, figures. G & H S-284.

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- 27) Report on the Sanitary Sewer System, Glenview, Illinois, January 1966. " . . . we have investigated the capacity and physical condition of the Glenview sanitary sewer system and have developed a program of improvements to correct existing deficiencies and provide for the future sanitary sewerage needs of the Village." Approx. 150 pp., text, tables, figures. G & H S-215. (Two copies)
- 28) Report on Refuse Disposal, Norfolk, Virginia, March 1966. Approx. 40 pp., text, tables, figures. G & H G-169.

Box 2

- 29) Report on Proposed Aeration Facilities, Sanitary District of Rockford, Illinois, February 1966. Approx. 20 pp., text, tables, figures. G & H S-77.
- 30) Review of Proposed Industrial Waste Charges, Kellogg Company, Battle Creek, Michigan, February 1966. Approx. 30 pp., text, tables. G & H S-271
- 31) Report on the Treatment and Disposal of Wastes from the S.B. Foot Tanning Company, Red Wing, Minnesota, May 1966. Approx. 20 pp., text, tables. G & H S-293.
- 32) Report on Liquid Industrial Wastes from West Bend Company Plant, West Bend, Wisconsin, May 1966. Approx. 30 pp., text, tables, figures. G & H S-288.
- 33) Sewage Treatment Plant Additions, Sanitary District of Rockford, Rockford, Illinois, May 1966. Notice to Bidders, Instructions to Bidders, Proposal, Agreement, Bond and Specifications. Approx. 20 pp., text, tables, figures. G & H S-77.
- 34) Sewage Treatment Plant Additions, Sanitary District of Rockford, Rockford, Illinois, August 1966. Notice to Bidders, Instructions to Bidders, . . . Specifications. Approx. 250 pp., text tables, figures. G & H W-244.
- 35) Sanitary Sewer Improvements, Glenview, Illinois, July 1966. Specifications and instructions. Approx. 50 pp., text, tables, figures. G & H S-215.

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- 36) Reconnaissance of Water Resources Potentials for Western New York Area, New York State Water Resources Commission, August 1966. Prepared with Harza Engineers. "The water resources of the Western Region of New York State have been inventoried in this reconnaissance. Water needs and opportunities for development were identified and projected by decades to the year 2020. The cost of development of potential facilities were estimated and alternative ways of combining the facilities to meet the projected requirements were investigated." Approx. 150 pp., text, tables, figures.
- 37) Reconnaissance of Water Resources Potentials for West New York, New York State Water Resources Commission, August 1966. Prepared with Harza Engineers, Chicago. Report includes Appendices A-G. Approx. 250 pp., text, tables, figures. G & H W-244.
- 38) Reconnaissance of Water Resources Potentials for Western New York Area, New York State Water Resources Commission, August 1966. Prepared with Harza Engineers, Chicago. Report includes Appendices H-Q. Approx. 150 pp., text, tables, figures. G & H W-244.
- 39) Specifications for Water Supply Improvements, Sludge Disposal, Park Forest, Illinois, November 1966. The report presents the general provisions and detail specifications for the plant in Park Forest. Approx. 100 pp. G & H W-134.
- 40) Report on Sewage Works and Sanitation, Metropolitan Sanitary District of Chicago, September 1966, Volume II. ". . . we have reviewed the works and operations of the District, have made estimates of the future needs for additional facilities, including estimates of cost, and are presenting to you herewith our report (Updated Vol. II) stating our findings and recommendations." Approx. 150 pp., text, tables, figures. G & H S-142.
- 41) Study of Needs for Water Pollution Control Works, Joint Legislative Committee on Water Resources Planning, State of Michigan, December 1966. ". . .this study was undertaken

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to determine overall construction needs for water pollution control works that will restore water quality to acceptable levels in many reaches of our State's waterways." Approx. 30 pp., text, tables, figures. G & H W-301.

- 42) Reports on Sludge Disposal, Calumet Plant, Metropolitan Sanitary District of Chicago, May 1966. Vol. V, Part 2. Approx. 40 pp., text, tables, figures. G & H S-142.
- 43) Feasibility Study for Sewage Disposal, Instituto Nacional De planificacion, Lima Peru, July 1966. Part I-Part IV. Approx. 80 pp., text, tables, figures. G & H S-254. Printed in English and Spanish.
- 44) Feasibility Study for Sewage Disposal, Instituto Nacional De Planificacion, Lima, Peru, July 1966. Part IV. Approx. 20 pp., text, tables, figures. G & H S 254. Printed in English and Spanish.
- 45) Report on Additional Refuse Incinerating Capacity, Winnipeg, Manitoba, July 1966. Approx. 25 pp., text, tables, figures. G & H G-40.
- 46) Report on Refuse Disposal, Kent County, Michigan, October 1966. Approx. 150 pp., text, tables, figures. G & H G-294.

1967

- 47) Report on Water Supply, Lake Forest, Illinois, January 1967. Approx. 50 pp., text, tables, figures. G & H W-124.
- 48) Ball Valve Purchase, Water Department, Sioux Falls, South Dakota, March 1967, Part III. Contract Documents and Specifications. Approx. 20 pp., text, tables, G & H W-120.
- 49) Report on Wastewater Treatment, Quaker Oats Company, Pekin, Illinois, May 1967. Approx. 25 pp., text, tables, figures. G & H S-305.
- 50) Specifications, Air Blower Equipment, Sewage Treatment Works, Madison Metropolitan Sewerage District, Madison, Wisconsin, May 1967. Approx. 20 pp., text, tables, G & H S-45.

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- 51) Report on Water Supply, Republic of Panama, May 1967.
Approx. 200 pp., text (in English and Spanish), tables,
figures. G & H W-75.
- 52) Report on Water Supply, Northbrook, Illinois, June 1967.
Approx. 100 pp., text, tables, figures. G & H W-297.

Box 3

- 53) Project Planning Report for Additional Preliminary Sedimentation Tanks, Water Pollution Control Plant, District of Columbia, Washington, D.C., August 1967. Approx. 50 pp., text, tables, figures. G & H S-115.
- 54) Report on Additional Sewage and Sludge Facilities to Provide Complete Secondary Treatment by Step Aeration at the Three Existing Philadelphia Sewage Treatment and Sludge Disposal Works, Philadelphia, Pennsylvania, August 1967. "This report describes the Bases of Design, the general plans and estimates of construction and of total annual costs of additions to the existing sewage works to provide step aeration throughout." Approx. 40 pp., text, tables, figures. G & H S-188.
- 55) Report on Water Distribution System, Kenilworth, Illinois, September 1967. "The purpose of the report is to determine the inadequacies of the present pipe distribution system and the additions necessary to provide satisfactory capacity." Estimates of construction cost are given and a program for progressive construction outlined. Approx. 20 pp., text, tables, figures. G & H W-139
- 56) Report on Refuse Disposal, Williamsburg, Virginia, October 1967. "This report summarizes the results of our studies to determine the best and most economical method of refuse disposal for the City of Williamsburg and the surrounding area that is or will become urbanized. It has been assumed, for the purpose of the study, that the present City Limits will remain unchanged." Approx. 25 pp., text, tables, figures. G & H G-313. Two copies.

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- 57) Wastewater Treatment Facilities, Quaker Oats Company, Pekin, Illinois., November 1967. Contract documents and Specifications for the facility. Approx. 80 pp., text, tables, figures. G & H S-305.
- 58) Specifications and Contract documents, Auxiliary Outlet Sewers, Normal Avenue system, Chicago, Illinois, October 1967. Approx. 60 pp., text, tables, G & H S-235.
- 59) Comprehensive Sewerage Study, Westchester County, New York, November 1967, Interim Report No. 1. ". . . an initial study has been directed towards examining the sewage works needs for the Hudson River communities from Irvington north to Croton-on Hudson. We are pleased to transmit herewith our Interim Report No. 1, which sets forth studies of sewage works needs for these Hudson River Communities." Approx. 215 pp., text, tables, figures.
- 60) Report on Sewage Disposal, North Shore Sanitary District, Lake County Illinois, November 1967. ". . . we have updated and broadened the scope of the May, 1963 "Report on Annexations and Additional Facilities" to take into account a number of changes in circumstances that have occurred since that date. Our findings and recommendations are incorporated in the attached "Report on Sewage Disposal" which is presented herewith." Approx. 150 pp., text, tables, figures. G & H S-13.
- 61) Solid Waste Survey, San Joaquin, California, November 1967. Joint Project with Ralph Stone and Company, Inc., Approx. 100 pp., text, tables, figures. G & H G-302.
- 62) Report on Refuse Incinerating Plants, Rochester, New York, July 1967. Approx. 20 pp., text, tables, figures. G & H G-309.
- 1968
- 63) Report on Sewage Disposal, North Shore Sanitary District, Lake County, Illinois, January 1968. ". . . we have made additional studies of alternate projects for providing sewage disposal service to the proposed future area within the District and have made estimates of first and annual costs for each of the projects studied." Approx. 15 pp., text, tables, G & H S-13

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- 64) Report on Rates for Sewage Disposal, Richmond, Virginia, January 1968. Approx. 100 pp., text tables, figures.
- 65) Summary of Report on Rates for Sewage Disposal, Richmond, Virginia, January 1968. Approx. 14 pp., text, tables. G & H S-217.
- 66) Report on Storm Sewerage, Niles Illinois, February 1968.
 "The purpose of the investigation and report as authorized was to analyze the existing storm drainage system and to determine the improvements required to eliminate or minimize flooding in both existing sewerred and unsewerred areas, and to establish a general plant for the Village to follow in making such improvements." Approx. 50 pp., text, tables, figures and maps. G & H S-315.
- 67) Overflow Structure Housing, Fourth Creek Waste Water Treatment Plant, Knoxville, Tennessee, March 1968. Approx. 20 pp., text, figures. G & H S-180.
- 68) Report on Additional Refuse Incinerating Capacity, Evanston, Illinois, April 1968. "This report describes the results of studies to determine the additional incinerating capacity required for the estimated refuse quantities in the City of Evanston over the next 25 to 30 years, and to develop preliminary plans and estimates of cost for providing that capacity." Approx. 20 pp., text, tables, figures. G & H G-7.
- 69) Report on Fourmile Run Flooding, Alexandria, Virginia, April 1968. "This report presents the findings of an engineering study of flood relief for the lower portion of the Fourmile Run drainage basin. The "problem area" lies between the Potomac River and Shirley Highway, and centers at and somewhat downstream from Alexandria area." Approx. 30 pp., text, tables, figures. G & H S-186.
- 70) Report on Comprehensive Sewerage Study, Erie County(Buffalo), New York, April 1968. Approx. 200 pp., text, tables, figures. G & H S-300.

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- 71) Report on Comprehensive Sewerage Study, Erie County (Buffalo), New York, April 1968. Appendices. Approx. 20 pp., test, tables, figures. G & H S-300.
- 72) Peoria Heights Intercepting Sewer Capacity Studies, Peoria, Illinois, May 1968. Report relates : "An analysis of the effect of the proposed increased sewage flow from the Pabst Brewing Company on the District and Peoria Heights sewer wywtem. Recommended improvements and alternate solutions if such is required including estimated costs, etc. Approx. 15 pp., text, tables, figures. G & H S-51.

Series 2: Published Articles and Pamphlets

Box 4

- 1) Samuel A. Greeley
- 2) Samuel A. Greeley
- 3) Paul A. Hansen
- 4) Paul A. Hansen
- 5) G & H, Partners in firm
- 6) Illinois (articles relating to)
- 7) Illinois
- 8) Wisconsin, Minnesota, Missouri
- 9) Winnipeg, Canada
- 10) Great Lakes, Lake Erie, Buffalo, Toronto
- 11) Washington, D.C.
- 12) Michigan
- 13) Boston, Massachusetts
- 14) Indiana
- 15) Texas
- 16) Florida
- 17) General Articles
- 18) General Articles
- 19) House Documents, #480, 79th Congress, 2nd Session
 "Adequate Future Water Supply For District of Columbia and Metropolitan Area" 1946.