



Dalhousie University Archives

Finding Aid - Harza Engineering Company fonds (MS-4-253)

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Harza Engineering Company fonds

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Summary information

Repository:	Dalhousie University Archives
Title:	Harza Engineering Company fonds
Reference code:	MS-4-253
Date:	1955-1976, predominant 1960-1976 (date of creation)
Language:	English
Physical description:	1.1 m of textual records. - -- 12 photographs.
Note [generalNote]:	Preferred citation: [Identification of item], Harza Engineering Company fonds, MS-4-253, Box [box number], Folder [folder number], Dalhousie University Archives and Special Collections, Halifax, Nova Scotia, Canada.

Administrative history / Biographical sketch

Note

The Harza Engineering Company was founded by Leroy F. Harza in 1920 with its main office in Chicago, Illinois. An independent engineering and consulting firm, it specialized in the development and use of water, power, and land resources. Among its areas of expertise were regional planning, specifically water control, power, irrigation flood control, agricultural production, and transportation. It worked extensively in both the energy and environmental sectors of the engineering industry, and the company is perhaps best known for its work on hydroelectric power development.

During the period covered by the records in this collection, Calvin V. Davis served as the chairman of the company. E. Montford Fucik became the President of Harza and Arthur P. Gauss the Executive Vice President in 1963. Charles MacLennan, donor of these papers, served as a Vice President as well. From the 1950s to 1970s Harza employed over 400 people, most of whom were graduate engineers, scientists, and registered professional engineers.

On October 6, 2000, Harza Engineering and Montgomery Watson announced their intent to merge. The company is now called MWH, and based in Pasadena, California.

Custodial history

The collection was originally maintained by Charles MacLennan and donated by Chesley Haliburton on September 14, 1981.

Scope and content

The records in this collection deal primarily with the energy sector, and, more specifically, hydroelectric power. Many records detail the company's attempts to start a hydroelectric project on the Bay of Fundy. Some records pertain to projects in the rest of Canada and generally to Harza itself.

Notes

Title notes

Arrangement

During processing, the Archives imposed thematic and chronological order on the records, whose original order was not consistent.

Other notes

- **Publication status:** Published
-

Access points

- Graphic material (documentary form)
 - Textual record (documentary form)
 - Business correspondence (subject)
 - Business records (subject)
 - Correspondence (subject)
 - Family business (subject)
 - Hydroelectric power plants (subject)
 - Photographs (subject)
-

Collection holdings

Series: Correspondence of Harza Engineering Company

Title: Correspondence of Harza Engineering Company

Date: 1955-1976, predominant 1966-1968 (date of creation)

Scope and content:

This series contains general correspondence between Harza employees and between Harza and government officials, as well as correspondence to and from other engineering companies.

Physical description: 17 cm of textual records

Arrangement:

The files ordered by date are maintained in the order in which they arrived. The other files are organized by the individual or company with which the correspondence took place.

File: 1966

Title: 1966

MS-4-253, Box 1, Folder 1 - A-L

Title: A-L

Reference code: MS-4-253, Box 1, Folder 1

MS-4-253, Box 1, Folder 2 - M-N

Title: M-N

Reference code: MS-4-253, Box 1, Folder 2

MS-4-253, Box 1, Folder 3 - O-Z

Title: O-Z

Reference code: MS-4-253, Box 1, Folder 3

File: 1967-1968

Title: 1967-1968

MS-4-253, Box 1, Folder 4 - A-L

Title: A-L

Reference code: MS-4-253, Box 1, Folder 4

MS-4-253, Box 1, Folder 5 - M-N

Title: M-N

Reference code: MS-4-253, Box 1, Folder 5

MS-4-253, Box 1, Folder 6 - O-Z

Title: O-Z

Reference code: MS-4-253, Box 1, Folder 6

File: MS-4-253, Box 1, Folder 7 - Haliburton, E. D. - 1963-1967

Title: Haliburton, E. D. - 1963-1967

Reference code: MS-4-253, Box 1, Folder 7

File: MS-4-253, Box 1, Folder 8 - New England - 1963-1967

Title: New England - 1963-1967

Reference code: MS-4-253, Box 1, Folder 8

File: MS-4-253, Box 2, Folder 1 - North-East Utilities - 1963-1965

Title: North-East Utilities - 1963-1965

Reference code: MS-4-253, Box 2, Folder 1

File: MS-4-253, Box 2, Folder 2 - Tidal Power, Government Officials - 1964-1967

Title: Tidal Power, Government Officials - 1964-1967

Reference code: MS-4-253, Box 2, Folder 2

Series: Harza Administrative Records

Title: Harza Administrative Records

Date: 1955-1976, predominant 1960-1976 (date of creation)

Scope and content:

This series contains administrative records, including a considerable amount of internal correspondence and memos the majority of which pertain to Charles MacLennan's activities with Harza. The specific project files in this series are valuable for their insight into the administration of various Harza projects. These records serve as examples as to how the company was organized and maintained.

Physical description: 9 cm of textual records; 1 photograph

File: MS-4-253, Box 2, Folder 3 - Personnel related materials and organizational chart - 1968-1974

Title: Personnel related materials and organizational chart - 1968-1974

Reference code: MS-4-253, Box 2, Folder 3

File: MS-4-253, Box 2, Folder 4 - Correspondence - 1971-1974

Title: Correspondence - 1971-1974

Reference code: MS-4-253, Box 2, Folder 4

File: MS-4-253, Box 2, Folder 5 - Personnel records and organizational charts - 1972-1973

Title: Personnel records and organizational charts - 1972-1973

Reference code: MS-4-253, Box 2, Folder 5

File: MS-4-253, Box 2, Folder 6 - Financial Consultants - 1965-1966

Title: Financial Consultants - 1965-1966

Reference code: MS-4-253, Box 2, Folder 6

File: MS-4-253, Box 2, Folder 7 - Bank of Montreal - 1964-1965

Title: Bank of Montreal - 1964-1965

Reference code: MS-4-253, Box 2, Folder 7

File: MS-4-253, Box 2, Folder 8 - Merrimac Pumped Storage Records and photograph - 1965

Title: Merrimac Pumped Storage Records and photograph - 1965

Reference code: MS-4-253, Box 2, Folder 8

File: MS-4-253, Box 2, Folder 9 - Belville Project Estimates - 1964

Title: Belville Project Estimates - 1964

Reference code: MS-4-253, Box 2, Folder 9

File: MS-4-253, Box 2, Folder 10 - English Electric - 1965-1971

Title: English Electric - 1965-1971

Reference code: MS-4-253, Box 2, Folder 10

File: MS-4-253, Box 2, Folder 11 - Canada (General) - 1964-1970

Title: Canada (General) - 1964-1970

Reference code: MS-4-253, Box 2, Folder 11

Series: HARCAN

Title: HARCAN

Date: 1965-1974 (date of creation)

Scope and content:

This series deals with the Canadian corporation created by Harza, referred to as both HARCAN and Harza of Canada. The records mainly detail the creation of the Canadian company, as well as the development of policies and procedures. Information about HARCAN's fate is difficult to find, although records in the collection hint that it was an unsuccessful venture.

Physical description: 8 cm of textual records

File: MS-4-253, Box 2, Folder 12 - Proposed Canadian Corporation - 1965-1969

Title: Proposed Canadian Corporation - 1965-1969

Reference code: MS-4-253, Box 2, Folder 12

File: MS-4-253, Box 2, Folder 13 - HARCAN - Letters, patent shareholders, directors meetings - 1965-1968

Title: HARCAN - Letters, patent shareholders, directors meetings - 1965-1968

Reference code: MS-4-253, Box 2, Folder 13

File: MS-4-253, Box 2, Folder 14 - Regularizing HARCAN and Office Procedures - 1968-1969

Title: Regularizing HARCAN and Office Procedures - 1968-1969

Reference code: MS-4-253, Box 2, Folder 14

File: MS-4-253, Box 2, Folder 15 - Future of HARCAN - 1968-1969

Title: Future of HARCAN - 1968-1969

Reference code: MS-4-253, Box 2, Folder 15

File: MS-4-253, Box 3, Folder 1 - Canadian Office, HARCAN - 1968

Title: Canadian Office, HARCAN - 1968

Reference code: MS-4-253, Box 3, Folder 1

File: MS-4-253, Box 3, Folder 2 - HARCAN - 1969

Title: HARCAN - 1969

Reference code: MS-4-253, Box 3, Folder 2

File: MS-4-253, Box 3, Folder 3 - HARCAN - 1970

Title: HARCAN - 1970

Reference code: MS-4-253, Box 3, Folder 3

File: MS-4-253, Box 3, Folder 4 - HARCAN - 1971-1974

Title: HARCAN - 1971-1974

Reference code: MS-4-253, Box 3, Folder 4

Series: Tidal Power Consultants

Title: Tidal Power Consultants

Date: 1965-1976 (date of creation)

Scope and content:

Tidal Power Consultants Limited was a corporation created to carry out studies concerning the Bay of Fundy Tidal Power Project for the Atlantic Tidal Power Engineering and Management Committee as necessary. Four sponsoring firms all have abundant experience in the utilization of electrical power and water resources: Montreal Engineering Company Limited, The Shawnigan Engineering Company Limited, Harza of Canada Limited, and Balfour Beatty Power Consultants Canada Limited. Dr. E. L. Wilson from Sheffield University is a special consultant to the group, since he has done extensive studies on tidal power projects in Britain.

The series contains notes, correspondence, and clippings concerning Tidal Power Consultants (TPC). There are some administrative records of the organization itself, but the majority concern records about various projects that TPC were involved in or were researching.

Physical description: 46 cm of textual records; 7 photographs

Arrangement:

The records are in their original chronological rather than thematic order.

File: MS-4-253, Box 3, Folder 5 - 1965, September - December

Title: 1965, September - December

Reference code: MS-4-253, Box 3, Folder 5

File: MS-4-253, Box 3, Folder 6 - 1968, January - June

Title: 1968, January - June

Reference code: MS-4-253, Box 3, Folder 6

File: MS-4-253, Box 3, Folder 7 - 1968, July - October

Title: 1968, July - October

Reference code: MS-4-253, Box 3, Folder 7

File: MS-4-253, Box 3, Folder 8 - 1968, September - December

Title: 1968, September - December

Reference code: MS-4-253, Box 3, Folder 8

File: MS-4-253, Box 4, Folder 1 - 1969, January - April

Title: 1969, January - April

Reference code: MS-4-253, Box 4, Folder 1

File: MS-4-253, Box 4, Folder 2 - 1969, May - December

Title: 1969, May - December

Reference code: MS-4-253, Box 4, Folder 2

File: MS-4-253, Box 4, Folder 3 - 1970, January - April

Title: 1970, January - April

Reference code: MS-4-253, Box 4, Folder 3

File: MS-4-253, Box 4, Folder 4 - 1970, April - June

Title: 1970, April - June

Reference code: MS-4-253, Box 4, Folder 4

File: MS-4-253, Box 4, Folder 5 - 1970, July - September

Title: 1970, July - September

Reference code: MS-4-253, Box 4, Folder 5

File: MS-4-253, Box 4, Folder 6 - 1970, September - December

Title: 1970, September - December

Reference code: MS-4-253, Box 4, Folder 6

File: MS-4-253, Box 4, Folder 7 - 1973, January - March

Title: 1973, January - March

Reference code: MS-4-253, Box 4, Folder 7

File: MS-4-253, Box 4, Folder 8 - 1973, March - June

Title: 1973, March - June

Reference code: MS-4-253, Box 4, Folder 8

File: MS-4-253, Box 4, Folder 9 - 1973, July - September

Title: 1973, July - September

Reference code: MS-4-253, Box 4, Folder 9

File: MS-4-253, Box 4, Folder 10 - 1973, September - December

Title: 1973, September - December

Reference code: MS-4-253, Box 4, Folder 10

File: MS-4-253, Box 5, Folder 1 - 1974, January - February

Title: 1974, January - February

Reference code: MS-4-253, Box 5, Folder 1

File: MS-4-253, Box 5, Folder 2 - 1974, February - April

Title: 1974, February - April

Reference code: MS-4-253, Box 5, Folder 2

File: MS-4-253, Box 5, Folder 3 - 1974, April - June

Title: 1974, April - June

Reference code: MS-4-253, Box 5, Folder 3

File: MS-4-253, Box 5, Folder 4 - 1974, July - 1975, January

Title: 1974, July - 1975, January

Reference code: MS-4-253, Box 5, Folder 4

File: MS-4-253, Box 5, Folder 5 - 1975-1976

Title: 1975-1976

Reference code: MS-4-253, Box 5, Folder 5

File: MS-4-253, Box 5, Folder 6 - Administrative Records - 1967

Title: Administrative Records - 1967

Reference code: MS-4-253, Box 5, Folder 6

File: MS-4-253, Box 5, Folder 7 - Administrative Records - 1967-1968

Title: Administrative Records - 1967-1968

Reference code: MS-4-253, Box 5, Folder 7

File: MS-4-253, Box 5, Folder 8 - Proposal for Consulting Engineering Services to the Atlantic Tidal Power Programming Board - 1967

Title: Proposal for Consulting Engineering Services to the Atlantic Tidal Power Programming Board - 1967

Reference code: MS-4-253, Box 5, Folder 8

File: MS-4-253, Box 5, Folder 9 - Technical Opinion on the Development of Tidal Power on the Bay of Fundy - 1972

Title: Technical Opinion on the Development of Tidal Power on the Bay of Fundy - 1972

Reference code: MS-4-253, Box 5, Folder 9

File: MS-4-253, Box 5, Folder 10 - Inter-company Agreement - 1967

Title: Inter-company Agreement - 1967

Reference code: MS-4-253, Box 5, Folder 10

File: MS-4-253, Box 6, Folder 1 - Miscellaneous Tidal Power Schemes - 1964-1967

Title: Miscellaneous Tidal Power Schemes - 1964-1967

Reference code: MS-4-253, Box 6, Folder 1

File: MS-4-253, Box 6, Folders 2-3 - Minas Basin Project - 1967

Title: Minas Basin Project - 1967

Reference code: MS-4-253, Box 6, Folders 2-3

File: MS-4-253, Box 6, Folder 4 - Tidal Power Consultants Limited - [1967]

Title: Tidal Power Consultants Limited - [1967]

Reference code: MS-4-253, Box 6, Folder 4

File: MS-4-253, Box 6, Folder 5 - Memorandum on Tidal Power in the Bay of Fundy - 1970

Title: Memorandum on Tidal Power in the Bay of Fundy - 1970

Reference code: MS-4-253, Box 6, Folder 5

File: MS-4-253, Box 6, Folder 6 - Cape Split - 1968

Title: Cape Split - 1968

Reference code: MS-4-253, Box 6, Folder 6

File: MS-4-253, Box 6, Folder 7 - Minas Area Schemes - Preliminary Assessment - 1967

Title: Minas Area Schemes - Preliminary Assessment - 1967

Reference code: MS-4-253, Box 6, Folder 7

File: MS-4-253, Box 6, Folder 8; Box 6, Folder 9 - Miscellaneous Data - 1963-1967

Title: Miscellaneous Data - 1963-1967

Reference code: MS-4-253, Box 6, Folder 8; Box 6, Folder 9

File: MS-4-253, Box 6, Folder 10 - Information File RE Jan. 31 Bay of Fundy Meeting - 1966-1967

Title: Information File RE Jan. 31 Bay of Fundy Meeting - 1966-1967

Reference code: MS-4-253, Box 6, Folder 10

File: MS-4-253, Box 6, Folder 11 - Bay of Fundy Tidal power, Minas Area, Phase 'A' Study - 1967

Title: Bay of Fundy Tidal power, Minas Area, Phase 'A' Study - 1967

Reference code: MS-4-253, Box 6, Folder 11

Series: Atlantic Provinces

Title: Atlantic Provinces

Date: 1966-1976 (date of creation)

Scope and content:

These are general records relating to miscellaneous projects in the Atlantic Provinces.

Physical description: 4 cm of textual records; 4 photos

File: MS-4-253, Box 6, Folder 12 - Soil Conservation for the Atlantic Provinces - 1968

Title: Soil Conservation for the Atlantic Provinces - 1968

Reference code: MS-4-253, Box 6, Folder 12

File: MS-4-253, Box 7, Folder 1 - Agricultural Engineering Services - 1968-1970

Title: Agricultural Engineering Services - 1968-1970

Reference code: MS-4-253, Box 7, Folder 1

File: MS-4-253, Box 7, Folder 2 - Atlantic Provinces Energy Seminar, 1975-1976

Title: Atlantic Provinces Energy Seminar, 1975-1976

Reference code: MS-4-253, Box 7, Folder 2

File: MS-4-253, Box 7, Folder 3 - Department of Forestry and Rural Development - 1967-1968

Title: Department of Forestry and Rural Development - 1967-1968

Reference code: MS-4-253, Box 7, Folder 3

File: MS-4-253, Box 7, Folder 4 - Labrador - Gull Island - 1974

Title: Labrador - Gull Island - 1974

Reference code: MS-4-253, Box 7, Folder 4

File: MS-4-253, Box 7, Folder 5 - Musquodoboit Valley Reclamation (includes photographs) - 1966

Title: Musquodoboit Valley Reclamation (includes photographs) - 1966

Reference code: MS-4-253, Box 7, Folder 5

Series: Bay of Fundy

Title: Bay of Fundy

Date: 1962-1975 (date of creation)

Scope and content:

These are general records relating to tidal power in the Bay of Fundy and attempts to gain approval and funding for the project.

Physical description: 19 cm of textual records

File: MS-4-253, Box 7, Folder 6; Box 7, Folder 7; Box 7, Folder 8; Box 7, Folder 9 - Fundy, Articles and Miscellaneous - 1966-1974

Title: Fundy, Articles and Miscellaneous - 1966-1974

Reference code: MS-4-253, Box 7, Folder 6; Box 7, Folder 7; Box 7, Folder 8; Box 7, Folder 9

File: MS-4-253, Box 7, Folder 10 - An Electrical Analogue for Investigating Phenomena in a Tidal System - 1973

Title: An Electrical Analogue for Investigating Phenomena in a Tidal System - 1973

Reference code: MS-4-253, Box 7, Folder 10

File: MS-4-253, Box 7, Folder 11 - Appraisal of Tidal Power in the Bay of Fundy - 1962

Title: Appraisal of Tidal Power in the Bay of Fundy - 1962

Reference code: MS-4-253, Box 7, Folder 11

File: MS-4-253, Box 7, Folder 12 - Power Market - North East and Fundy - 1971-1973

Title: Power Market - North East and Fundy - 1971-1973

Reference code: MS-4-253, Box 7, Folder 12

File: MS-4-253, Box 7, Folder 13 - Integral Can.-U.S. Power Supply Schemes - 1966

Title: Integral Can.-U.S. Power Supply Schemes - 1966

Reference code: MS-4-253, Box 7, Folder 13

File: MS-4-253, Box 7, Folder 14 - Coordinated Power Development of Eastern Canada - 1967

Title: Coordinated Power Development of Eastern Canada - 1967

Reference code: MS-4-253, Box 7, Folder 14

File: MS-4-253, Box 7, Folder 15; Box 7, Folder 16 - Project Meeting Notes - 1965-1967

Title: Project Meeting Notes - 1965-1967

Reference code: MS-4-253, Box 7, Folder 15; Box 7, Folder 16

File: MS-4-253, Box 7, Folder 17 - Salt and Coal Mining, Energy Storage in Fundy - 1971-1972

Title: Salt and Coal Mining, Energy Storage in Fundy - 1971-1972

Reference code: MS-4-253, Box 7, Folder 17

File: MS-4-253, Box 8, Folder 1; Box 8, Folder 2 - Aid Memoir - The Fundy Study I - 1965-1973

Title: Aid Memoir - The Fundy Study I - 1965-1973

Reference code: MS-4-253, Box 8, Folder 1; Box 8, Folder 2

File: MS-4-253, Box 8, Folder 3 - Aid Memoir - Fundy Study - 1971

Title: Aid Memoir - Fundy Study - 1971

Reference code: MS-4-253, Box 8, Folder 3

File: MS-4-253, Box 8, Folder 4 - Notes on Meetings re: Fundy - July 1971

Title: Notes on Meetings re: Fundy - July 1971

Reference code: MS-4-253, Box 8, Folder 4

File: MS-4-253, Box 8, Folder 5 - Atlantic Canada Activities - 1973-1974

Title: Atlantic Canada Activities - 1973-1974

Reference code: MS-4-253, Box 8, Folder 5

File: MS-4-253, Box 8, Folder 6 - Winds - Bay of Fundy - 1967

Title: Winds - Bay of Fundy - 1967

Reference code: MS-4-253, Box 8, Folder 6

File: MS-4-253, Box 8, Folder 7 - Russian Comments on Bay of Fundy - 1966

Title: Russian Comments on Bay of Fundy - 1966

Reference code: MS-4-253, Box 8, Folder 7

File: MS-4-253, Box 8, Folder 8 - Chignecto Canal - 1960-1969

Title: Chignecto Canal - 1960-1969

Reference code: MS-4-253, Box 8, Folder 8

File: MS-4-253, Box 8, Folder 9 - Cape Split - 1968-1972

Title: Cape Split - 1968-1972

Reference code: MS-4-253, Box 8, Folder 9

File: MS-4-253, Box 8, Folder 10 - Feasibility of Fundy Development in Light of the 1970 International Tidal power Committee - 1971

Title: Feasibility of Fundy Development in Light of the 1970 International Tidal power Committee - 1971

Reference code: MS-4-253, Box 8, Folder 10

Series: Letters to the Editor

Title: Letters to the Editor

Date: 1970-1971 (date of creation)

Scope and content:

This series contains letters by Charles MacLennan to the editors of the Chronicle Herald and the Atlantic Advocate , with regard to Fundy Tidal Power Development. There is also a small amount of correspondence about these letters.

Physical description: 3 cm of textual records

File: MS-4-253, Box 8, Folder 11; Box 8, Folder 12 - 1970-1971

Title: 1970-1971

Reference code: MS-4-253, Box 8, Folder 11; Box 8, Folder 12
