

From

The Permanent Indus Commission.

To

1. The Government of India,
Ministry of Irrigation and Power,
New Delhi.
2. The Government of Pakistan,
Ministry of Fuel, Power and Natural Resources,
Rawalpindi.

Subject: Annual Report for the year ended on March 31, 1961.

Sir,

The Commission has the honour to invite attention to Article VIII(8) of the Indus Waters Treaty 1960 and to submit herewith its Annual Report for the year ended on March 31, 1961.

2. The Commission is happy to record that its deliberations were marked by a spirit of goodwill, mutual understanding and co-operation.

Yours faithfully,

Sd. H.C. Kalra
Commissioner for Indus
Waters,
Government of India.

Sd. M.A. Hamid S.Q.A.
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

New Delhi.
31st May, 1961

THE PERMANENT INDUS' COMMISSION

ANNUAL REPORT

FOR

THE YEAR ENDED ON 31ST MARCH, 1961.

.....

C O N T E N T S

1. Introductory
 2. Meetings of the Commission
 3. General
-

A P P E N D I X

Record of the First Meeting of
the Permanent Indus Commission,
under the Indus Waters Treaty
1960, held at New Delhi from
28th to 30th March, 1961.

.....

PROCEEDS OF THE TWENTYFOURTH MEETING OF
THE PERMANENT INDUS COMMISSION HELD AT
LAHORE FROM 11TH TO 13TH APRIL 1967

PRESENT

PERMANENT INDUS COMMISSION

Shri P.R. Ahuja, Commissioner for Indus Waters, Government of India. Mian Khalil-ur-Rahman, T.Pk., Pakistan Commissioner for Indus Waters, Government of Pakistan.

ADVISERS TO COMMISSIONERS

- | | |
|--|--|
| 1. Shri B.K. Uppal, Deputy Secretary, Ministry of Irrigation and Power, Government of India. | 1. Sayyed Z.H. Jafri, Chief Engineer, Irrigation and Power Department, Government of West Pakistan. |
| 2. Shri K.L. Ahuja, Deputy Indus Commissioner, Government of India. | 2. Syed Habib-ur-Rahman, Director, Office of the Pakistan Commissioner for Indus Waters, Government of Pakistan. |
| | 3. Mr. Bashir Ahmad, Deputy Commissioner for Indus Waters, Government of Pakistan. |
| | 4. Mr. Z.A. Khan Burki, Executive Engineer, Irrigation and Power Department, Government of West Pakistan. |

The Commission held its 24th meeting at Lahore from 11th to 13th April 1967. At this meeting the Commission finalized its Annual Report for the year ended on 31st March 1967 and submitted it to the Government of India and the Government of Pakistan on 13th April 1967.

2. The Commission reviewed the programme for its future meetings and tours of inspection and agreed on the following schedule:-

Tours/meetings

Approximate schedule for commencement

- | | |
|---|-------------------------|
| (1) Special tour of inspection of Kasur Wala and its tributaries including its diversion into the Sutlej in Pakistan. | Last week of June, 1967 |
|---|-------------------------|

<u>Tours/meetings</u>	<u>Approximate schedule for commencement</u>
(ii) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in India.	Last week of June, 1967.
(iii) 25th Meeting of the Commission.	First week of August, 1967.
(iv) First Part of the Second General Tour of Inspection.	Third week of September, 1967
(v) Second Part of the Second General Tour of Inspection.	Third week of October, 1967.

It was agreed that the programme of further meetings and tours of inspection (General as well as Special) for the year 1967-68 would be considered at the next meeting of the Commission.

Sd/-
(P.R. Ahuja)
Commissioner for Indus Waters,
Government of India.

Sd/-
(Khalil-ur-Rahman) T.Fk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Lahore,
13th April 1967.

Appendix - A.2

RECORD OF THE TWENTYFIFTH MEETING
OF THE PERMANENT INDUS COMMISSION
HELD AT NEW DELHI FROM 13TH TO 19TH
SEPTEMBER 1967.

PRESENT

PERMANENT INDUS COMMISSION

Shri P.R. Ahuja,
Commissioner for Indus Waters
Government of India.

Mian Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

ADVISERS TO COMMISSIONERS

1. Shri V.S. Deshpande,
Joint Secretary and
Legal Adviser,
Ministry of Law,
Government of India.

1. Sayyed Z.H. Jafri,
Chief Engineer,
Irrigation and Power
Department, Government of
West Pakistan.

2. Dr. J.K. Malhotra,
Consultant,
Ministry of Irrigation &
Power,
Government of India.

2. Mr. M.A. Ameen,
Deputy Secretary,
Ministry of Law and
Parliamentary Affairs,
Government of Pakistan.

3. Shri B.K. Uppal,
Deputy Secretary,
Ministry of Irrigation &
Power,
Government of India.

3. Syed Habib-ur-Rahman,
Director,
Office of Pakistan Commission
for Indus Waters
Government of Pakistan.

4. Dr. S.P. Jagota,
Deputy Director,
Legal and Treaties Division,
Ministry of External Affairs,
Government of India.

The Commission held its 25th meeting at New Delhi from 13th to 19th September 1967. The Commission observed a minute's silence as a mark of respect to the memory of the late Shri K.L. Ahuja, who had been working as Deputy Indus Commissioner, Government of India, and breathed his last on 14th June 1967.

At this meeting the Commission reviewed the programme for its future meetings and tours of inspection and agreed on the following schedule:-

Tours/meetings

Approximate schedule for
commencement

- (1) First Part of the Second Third week of October, 1967.
 General Tour of Inspection.

<u>Tours/meetings</u>	<u>Approximate schedule for commencement</u>
(ii) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in India.	Last week of June, 1967.
(iii) 25th Meeting of the Commission.	First week of August, 1967.
(iv) First Part of the Second General Tour of Inspection.	Third week of September, 1967.
(v) Second Part of the Second General Tour of Inspection.	Third week of October, 1967.

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Government of India.

Sd/-
(Khalil-ur-Rahman) T.Fk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Lahore,
13th April 1967.

Appendix - A.2

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OF THE PERMANENT INDUS COMMISSION
HELD AT NEW DELHI FROM 13TH TO 19TH
SEPTEMBER 1967.

PRESENT

PERMANENT INDUS COMMISSION

Shri P.R. Ahuja, Commissioner for Indus Waters Government of India. Mian Khalil-ur-Rahman, T.Pk., Pakistan Commissioner for Indus Waters, Government of Pakistan.

ADVISERS TO COMMISSIONERS

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| 1. Shri V.S. Deshpande, Joint Secretary and Legal Adviser, Ministry of Law, Government of India. | 1. Sayyed Z.H. Jafri, Chief Engineer, Irrigation and Power Department, Government of West Pakistan. |
| 2. Dr. J.K. Malhotra, Consultant, Ministry of Irrigation & Power, Government of India. | 2. Mr. M.A. Ameen, Deputy Secretary, Ministry of Law and Parliamentary Affairs, Government of Pakistan. |
| 3. Shri B.K. Uppal, Deputy Secretary, Ministry of Irrigation & Power, Government of India. | 3. Syed Habib-ur-Rahman, Director, Office of Pakistan Commissioner for Indus Waters Government of Pakistan. |
| 4. Dr. S.P. Jagota, Deputy Director, Legal and Treaties Division, Ministry of External Affairs, Government of India. | |

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At this meeting the Commission reviewed the programme for its future meetings and tours of inspection and agreed on the following schedule:-

Tours/meetings

Approximate schedule for commencement

- (1) First Part of the Second General Tour of Inspection. Third week of October, 1967.

- (ii) Second Part of the Second General Tour of Inspection. Third week of November, 1967.
- (iii) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in Pakistan. Second week of January, 1968.
- (iv) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in India. Second week of January, 1968.
- (v) 26th Meeting of the Commission. Second week of February, 1968

It was agreed that the programme of further meetings and tours of inspection would be considered at the next meeting of the Commission.

3. As agreed at its Twentythird Meeting, the Commission took up further examination of the questions concerning "Deliveries to Pakistan from the Eastern Rivers during the period September 1965 onwards", mentioned in Paragraph 3 of the Record of the Twentyfirst Meeting.

The Indian Commissioner expressed the view that examination of these questions would not be fruitful until the five issues in dispute concerning Article IX(1) of the Indus Waters Treaty 1960, already reported to the Government of India and to the Government of Pakistan vide Commission's Report dated 31st March 1967, were settled. The Pakistan Commissioner on the other hand, held that the questions concerning deliveries to Pakistan could be further examined without the necessity of awaiting the settlement of the five disputes. The Indian Commissioner, however, felt that since this was the first occasion that questions under Article IX(1) of the Treaty had come up for examination before the Commission, the questions could be examined only after the five disputes were resolved. The Pakistan Commissioner did not agree with the Indian Commissioner's point of view.

The Pakistan Commissioner was of the opinion that, as the Commission was unable to resolve this divergence in views, the Commission had failed in its endeavour to resolve these questions by agreement and, since none of these questions fell within the provisions of Part 1 of Annexure F to the Treaty, these would have to be treated as disputes under the provisions of Article IX(2)(b) of the Treaty. The Indian Commissioner was, however, of the view that, since the Commission had not so far examined the merits of these questions, no dispute could be said to have arisen on these at this stage under Article IX(2)(b) of the Treaty.

The Commission, however, agreed that a stage had been reached for reporting the matter to the two Governments for appropriate action. The Pakistan Commissioner held the view that, as the Commission was unable to resolve the questions by agreement, these had become disputes and therefore, an report had to be submitted under Article IX(3) of the Treaty. The Indian Commissioner held the view that, no dispute having yet arisen, such a report could not be made under Article IX(3) of the Treaty, but the matter could be reported under Article VIII(8) thereof. This was not acceptable to the Pakistan Commissioner.

Due to the divergence in views mentioned above, the Commission was unable to submit a report to the two Governments.

Sd/-
(P.R. Ahuja)
Commissioner for Indus Waters,
Government of India.

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

NEW DELHI,
19th September, 1967.

- | | |
|---|--------------------------------|
| (ii) Second Part of the Second General Tour of Inspection. | Third week of November, 1967. |
| (iii) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in Pakistan. | Second week of January, 1968. |
| (iv) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in India. | Second week of January, 1968. |
| (v) 26th Meeting of the Commission. | Second week of February, 1968. |

It was agreed that the programme of further meetings and tours of inspection would be considered at the next meeting of the Commission.

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The Pakistan Commissioner was of the opinion that, as the Commission was unable to resolve this divergence in views, the Commission had failed in its endeavour to resolve these questions by agreement and, since none of these questions fell within the provisions of Part 1 of Annexure F to the Treaty, these would have to be treated as disputes under the provisions of Article IX(2)(b) of the Treaty. The Indian Commissioner was, however, of the view that, since the Commission had not so far examined the merits of these questions, no dispute could be said to have arisen on these at this stage under Article IX(2)(b) of the Treaty.

The Commission, however, agreed that a stage had been reached for reporting the matter to the two Governments for appropriate action. The Pakistan Commissioner held the view that, as the Commission was unable to resolve the questions by agreement, these had become disputes and therefore, an report had to be submitted under Article IX(3) of the Treaty. The Indian Commissioner held the view that, no dispute having yet arisen, such a report could not be made under Article IX(3) of the Treaty, but the matter could be reported under Article VIII(8) thereof. This was not acceptable to the Pakistan Commissioner.

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(P.R. Ahuja)
Commissioner for Indus Waters,
Government of India.

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

NEW DELHI,
19th September, 1967.

<u>Tour/meetings</u>	<u>Approximate schedule for commencement</u>
(iv) 27th Meeting of the Commission.	Second week of February, 1968.

It was agreed that the programme of further meetings and tours of inspection would be considered at the next meeting of the Commission.

2. The two Commissioners discussed the following items:-

(i) Implementation of Paragraphs 11, 31 and 38 of Annexure H

In pursuance of the notification received from the World Bank, on 26th October, 1967, that the part of system of works referred to in Article IV (1) of the Indus Waters Treaty 1960 was ready to provide additional supplies during September 11-30 and rabi, over and above the replacements in these periods specifically provided for in Parts 2 to 5 of Annexure H to the Treaty, the two commissioners met and discussed the modifications to be made in Annexure H; under the provisions of Paragraphs 11, 31 and 38 of the said Annexure. The two Commissioners agreed that, in the first instance, Annexure H should be amended for rabi 1967-68 only and accordingly decided to add a new Part in Annexure H, after Part 11, as follows:-

PART 12 - Additional Provisions for Rabi 1967-68

77. Subject to the provisions of Paragraph 78, India agrees to deliver at Ferozepore for use by the Pakistan Sutlej Valley Canals, the following minimum supplies during each of the Water-accounting Periods from November 21-30 to March 21-31:-

- | | |
|---|--|
| (a) November 21-30 to
December 21-31 | 71.5 per cent of the
'Beas Component at
Ferozepore'. |
| (b) January 1-10 to
March 21-31 | 67 per cent of the
'Beas Component at
Ferozepore'. |

78. If, during any Water-accounting Period from November 21 - 30 to March 21-31, the aggregate of (a) and (b) below exceeds 10,000 cusecs, the deliveries due to be made under the provisions of Paragraphs 77 may be reduced by the amount of such excess over 10,000 cusecs.

- (a) Deliveries due to Pakistan under the provisions of Paragraph 77.
- (b) The difference between 79 per cent of the 'Beas Component at Ferozepore' and the deliveries due to Pakistan under the provisions of Paragraph 77.

79. If, in any Water-accounting Period from November 21-30 to March 21-31, the sum of (a) and (b) below exceeds 10,000 cusecs, then there will be no carry-over from any such period to the next period.

- (a) The supply at Ferozepore Below.
- (b) The difference between 79% of the 'Beas Component at Ferozepore' and the deliveries due to Pakistan under the provisions of Paragraph 77.

80. The provisions of Paragraphs 34, 35, 36, 37 and 46(aa) shall not be applicable during the Water-accounting Periods from November 21-30 to March 21-31.

(ii) Amendment of Paragraph 41 of Annexure H

The two Commissioners agreed to amend the first sentence of Paragraph 41 of Annexure H to read as follows:-

An account of the distribution of waters, as at Ferozepore, under the provisions of Parts 3, 4, 5,

11 and 12 of this Annexure will be maintained by each Commissioner in accordance with the provisions of Paragraphs 42 -46, and appropriate Forms will be used, both for Phase I and Phase II, in order to facilitate, and to provide a record of, the distribution of waters in accordance with the provisions of this Annexure.

(iii) Measures for the recovery, and restoration to owners, of Timber and other property (Article IV(11))

The Indian Commissioner requested that the timber already recovered in Pakistan may be disposed of on the same terms and conditions already agreed to for the disposal of timber recovered in Pakistan during the year ended on 31st March, 1965. The Pakistan Commissioner agreed to consider the matter sympathetically and stressed the need for the early finalization of the appropriate measures to be adopted under Article IV(11).

3. The two Commissioners agreed to take appropriate action, in regard to paragraphs 2(i) and 2(ii) above, towards an exchange of letters between the two Governments under the provisions of Paragraph C7 of Annexure H.

4. The two Commissioners agreed to discuss at a subsequent meeting further modifications to be made in the provisions of Parts 2 to 5 of Annexure H, for September 11-30 and rabi of the year 1968-69.

Sd/- P.R. Ahuja
Commissioner for Indus Waters,
Government of India.

Sd/- Khalil-ur-Rehman T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Islamabad,
13th November, 1967.

RECORD OF THE TWENTYEIGHTH TOUR OF INSPECTION
BY THE PERMANENT INDUS COMMISSION UNDERTAKEN
FROM 20TH TO 26TH OCTOBER 1967 AS THE FIRST
PART OF THE SECOND GENERAL TOUR OF INSPECTION
UNDER ARTICLE VIII(4)(c) OF THE INDUS WATERS
TREATY 1960.

The Commission undertook the first part of the Second General Tour of Inspection, under Article VIII(4)(c) of the Treaty, from 20th to 26th October 1967 and inspected the following on The Chenab and The Jhelum:-

<u>S.No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
1.	Qadirabad Barrage including:-	
	i) The head regulator of Qadirabad Balloki Link.	
	ii) The Left Marginal Bund from R.D. Zero to R.D. 65,000 with the following spurs:-	
	a) Spur at about R.D. 13,000 of Left Marginal Bund from R.D. Zero to R.D. 6000.	
	b) Spur at about R.D. 28,000 of Left Marginal Bund from R.D. Zero to 1000.	
	c) Spur at about R.D. 45,000 of Left Marginal Bund from R.D. Zero to 1300.	21.10.1967.
2.	Khanki Headworks including:-	
	i) Main and subsidiary head regulators of Lower Chenab Canal.	
	ii) Left Marginal Bund from R.D. Zero to R.D. 21,000	
	iii) Spur at the end of downstream Left Guide Bund.	
	iv) Palkhu Spur at R.D. 6,000 of Left Marginal Bund from R.D. Zero to 2,665.	21.10.1967.

<u>S.No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
3.	The Right Marginal Bund of Qadirabad Barrage from R.D. Zero to R.D.106,000 including:- i) Spur at about R.D.14,000 of Right Marginal Bund from R.D. Zero to R.D. 4000. ii) Spur at about R.D. 21,000 of Right Marginal Bund from R.D. Zero to R.D. 1000. iii) Spur at about R.D. 26,000 of Right Marginal Bund from R.D. Zero to R.D. 1000. iv) Spur at about R.D. 42,000 of Right Marginal Bund from R.D. Zero to R.D. 3000.	22.10.1967.
4.	Tail regulator of Rasul Qadirabad Link.	22.10.1967.
5.	Right upstream Bells Bund with Spur of Khanki Headworks from P.D. Zero to R.D. 9000.	22.10.1967.
6.	Spur at the end of Downstream Right Guide Bund of Khanki Headworks.	22.10.1967
7.	The Right Retired Embankment of Khanki Headworks from R.D. Zero to R.D. 33,000 including:- i) Spur at about R.D. 11,000 of Right Retired Embankment from R.D. Zero to R.D. 11,500. ii) Spur at about R.D. 15,500 of Right Retired Embankment including its lower arm from R.D. Zero to R.D. 13,000 and its upper arm 3000 feet long. iii) Spur at about R.D. 22900 of Right Retired Embankment including its upper arm from R.D. Zero to R.D. 12,500 and its lower arm 200 feet long. iv) Spur at R.D. 25,800 of Right Retired Embankment from R.D. Zero to R.D. 3,242.	22.10.1967.

S.No.	Rivers and Works Inspected	Date or dates on which inspected
8.	Out-fall of Upper Jhelum Canal	22.10.1967.
9.	Upper Jhelum Canal outfall Spur from R.D. Zero to R.D. 8,000 along with three subsidiary Spurs.	22.10.1967.
10.	Chenab Main and its tributaries, to the extent visible from the works listed in items (1) to (9).	21.10.1967. and 22.10.1967.
11.	New Rasul Barrage (under construction) including:- i) Head Regulator of Lower Jhelum Canal Feeder. ii) Head Regulator of Rasul-Qadirabad Link.	23.10.1967..
12.	The Left Marginal Bund of New Rasul Barrage from R.D. Zero to R.D. 13,500.	23.10.1967.
13.	Rasul Headworks (old) including:- i) Head Regulator of Lower Jhelum Canal. ii) T-Spur from R.D. Zero to R.D. 1900, downstream of Rasul Headworks on the left side. iii) T-Spur from R.D. Zero to R.D. 3,300 downstream of Rasul Headworks on the right side. iv) Closure Bund on the right side from R.D. Zero to R.D. 4,400.	23.10.1967.
14.	Jhelum Main and its tributaries, to the extent visible from the works listed in items (11) to (13) and from the Road along Upper Jhelum Canal from R.D. 242,000 to R.D. 150,000.	23.10.1967.
15.	Mangla Dam including:- i) Power House. ii) Sukhian Dyke R.D. Zero to R.D.17,000. iii) The subsidiary Jari Dam	24.10.1967.
16.	Head Regulator of Upper Jhelum Canal.	24.10.1967.

<u>S.No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
17.	Jhelum Main and its tributaries to the extent visible from works listed in items (15) & (16).	24.10.1967.
18.	Jhelum Main and its tributaries to the extent visible from the Mangla-Dina Road.	25.10.1967.
2.	The following advisers accompanied the Commissioners:-	

India

1. Shri B.R. Palta
2. Shri D.V. Gulati

Sd/-

(P.R. Ahuja)
Commissioner for Indus
Waters,
Government of India.

Pakistan

1. Sayyed Z.H. Jafri
2. Syed Habib-ur-Rahman

Sd/-

(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for Indus
Waters,
Government of Pakistan.

Lahore,
26th October, 1967.

RECORD OF THE TWENTYNINTH TOUR OF INSPECTION
BY THE PERMANENT INDUS COMMISSION UNDERTAKEN
FROM 17TH TO 22ND DECEMBER 1967 AS THE SECOND
PART OF THE SECOND GENERAL TOUR OF INSPECTION
UNDER ARTICLE VIII(4)(c) OF THE INDUS WATERS
TREATY 1960.

The Commission undertook the second part of the Second General Tour of Inspection, under Article VIII(4)(c) of the Treaty, from 17th to 22nd December 1967 and inspected the following works on The Sutlej and The Beas:-

<u>S.No.</u>	<u>Rivers & Works inspected</u>	<u>Date or dates on which inspected</u>
1.	2 R Bund from R.D. Zero to R.D. 17,000 and 4 L Bund from R.D. Zero to R.D. 16,000 along the Sutlej Main below Phillaur Bridge.	18.12.67.
2.	Left Flood Protection Bund downstream of Dhilwan from R.D. Zero to R.D. 20,000 and Left Flood Protection Bund upstream of Dhilwan from R.D. 6000 to R.D. 79,000 along the Beas Main.	19.12.67
3.	Bein Bund on the left side of the Beas Main from R.D. Zero to R.D. 71,000 including the Earthen Spur at R.D. 19,120 of the Bein Bund from R.D. Zero to R.D. 865.	19.12.67
4.	Beas Dam at Pong (under construction)	20.12.67
5.	Bhakra Dam including:- (i) Power House on the left bank (ii) Power House on the Right bank (under construction)	21.12.67
6.	Mangal Dam including the head regulator of Mangal Hydel Channel.	21.12.67
7.	Rupar Headworks including the head regulators of Sirhind and Bist Doab Canals.	22.12.67
8.	1 L Bund from R.D. Zero to R.D. 16,000 along the Sutlej Main below Rupar Headworks.	22.12.67

(from pre-page)

The following advisers accompanied the Commissioners:-

I N D I A

1. Shri B.R. Palta
20.12.67 and 21.12.67

Shri V.P. Dugral
17.12.67 to 19.12.67 and
22.12.67

2. Shri B.K.S. Mathur

P A K I S T A N

1. Mr. S.S. Kirmani
S.I., S.O.A.

2. Syed Habib-ur-Rahman.

Sd/-
(P.R. Ahuja)
Commissioner for Indus Waters,
Government of India,
22.12.67.

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for Indus
Waters, Government of Pakist

Lachmans,
22nd December, 1967.

RECORD OF THE THIRTIETH TOUR OF INSPECTION BY THE PERMANENT INDUS COMMISSION UNDERTAKEN FROM 8TH TO 10TH FEBRUARY, 1968.

The Permanent Indus Commission undertook a tour of inspection in Pakistan from 8th to 10th February, 1968, and inspected the following:-

<u>S.No.</u>	<u>Name of the Channel inspected.</u>	<u>Date, or dates on which inspected.</u>
1.	Kasur Nala Diversion from its outfall into Sutley River to its off-take from Kasur Nala.	8.2.1968
2.	Kasur Nala from Indo-Pakistan border (R.D. 10,000) to the off-take of diversion channel (R.D. Zero).	10.2.1968

2. This tour of inspection was undertaken at the request of the Commissioner for Indus Waters, Government of India, under Article (VIII.4) (a) of the Treaty.

3. During this tour of inspection the two Commissioners were accompanied by the following advisers:-

<u>India</u>	<u>Pakistan</u>
1. Shri B.S. Dina	1. Sayyed Z.H. Jafri on 8.2.68
2. Shri C.P. Chadha.	2. Syed Habib-ur-Rahman.
	3. Mr. Z.A. Khan Burki on 10.2.68

Sd/-
P.R. Ahuja, 10/2/68
Commissioner for Indus Waters,
Government of India.

Sd/-
Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

1.
Kasur,
10th February, 1968.

RECORD OF THE THIRTYFIRST TOUR OF
INSPECTION BY THE PERMANENT INDUS
COMMISSION UNDERTAKEN FROM 10TH TO
16TH FEBRUARY 1968.

The Permanent Indus Commission undertook a tour of inspection of Kasur Drainage System in India from 10th to 16th February 1968 and inspected the following :-

<u>S.No.</u>	<u>Name of the channel inspected</u>	<u>Date on which inspected</u>
1.	Kasur Nala from R.D. 192,000 to R.D. 55,000	11.2.68
2.	Muradpur Drain from its source at R.D. 23,667 to R.D. 21,000 and to the extent visible from R.D. 14,000, R.D. 13,000, R.D. 5,500 and R.D. Zero.	11.2.68
3.	Sanghe Drain from its source at R.D. 5,835 to its outfall into Muradpur Drain.	11.2.68
4.	Shahbazpur Drain from its source at R.D. 18,180 to its outfall into Kasur Nala.	11.2.68
5.	Kasur Nala from R.D. Zero to R.D. 28,000.	12.2.68
6.	Valtoha Drain from its outfall into the Sutlej Main (R.D. Zero) to R.D. 46,500 (its offtake from Kasur Nala)	12.2.68
7.	Kairon Drain from its source at R.D. 86,575 to its outfall into Kasur Nala.	12.2.68
8.	Doda Drain from its source at R.D. 70,000 to its outfall into Kasur Nala.	13.2.68
9.	Sohal Drain from R.D. Zero to R.D. 7,000, R.D. 14,000 to R.D. 20,000, R.D. 28,000 to R.D. 33,000 and R.D. 52,000 to R.D. 60,500.	14.2.68
10.	Jhabal Drain from R.D. 8,000 to R.D. 15,000, R.D. 17,000 to R.D. 50,000 and R.D. 52,000 to R.D. 53,000.	14.2.68
11.	Panjwar Drain from R.D. 20,000 to R.D. 35,500, at its outfall and R.D. 1,585.	14.2.68
12.	Kasur Nala from R.D. 30,000 to R.D. 55,000.	14.2.68

13. Kasur Nala from R.D. 27,777 to R.D. 290,777. 15.2.68
14. Devi Daspura Drain from R.D. 17,777 to R.D. 28,777 and R.D. 35,777 to R.D. 58,777 and at its outfall. 15.2,68
15. Outfall of Vallah Drain. 15.2.68

2. During this tour of inspection, the Commission also inspected all those tributary drains (except the three listed in paragraph 3 below) which, according to the Indian Commissioner, had been constructed by agencies other than the Irrigation Department and in respect of which, according to him, no record was available. These tributary drains are listed below. The information given in columns 2 to 6 below is as collected by the local officers for the purpose of this tour of inspection, and the bed widths in column 7 are as they appeared to exist at site during the inspection. These tributary drains were inspected to the extent visible from their outfalls into their parent channels.

S.No.	Villages served by the drain.	Parent Channel into which the tributary drain outfalls.			Approx. length of the tributary drain in feet	Approx. bed width near the outfall in feet	Date of inspection
		Name	Side R/L	Approx. R.D.			
1	2	3	4	5	6	7	8
1.	Bhagwanpur	Kasur Nala	L	75-76	2777	5	11.2.68
2.	Mari Gose	-do-	L	84-85	1577	5	11.2.68
3.	Chela	-do-	R	84-85	13777 with tributary of 2277'	5	11.2.68

....3/-

1	2	3	4	5	6	7	8
4.	Surwind	Kasur Nala	L	100-101	13000	5	11.2.68
5.	Padiri	-do-	R	122-123	6200	5	11.2.68
6.	Bhanni Muttoan	-do-	R	150-151	5000	4	11.2.68
7.	Jai Balla	-do-	R	151-152	2000	4	11.2.68
8.	Tarn Taran	-do-	L	198-199	1000	4	11.2.68
9.	Tarn Taran	-do-	L	199-200	2000	2	11.2.68
			D/S Bridge				
10.	Tarn Taran	-do-	L	199-200	2000	3	11.2.68
			U/S Bridge				
11.	Tarn Taran	-do-	R	199-200	3000	2	11.2.68
			U/S Bridge				
12.	Tarn Taran	Muradpur Drain	R	13-14	1000	3	11.2.68
13.	Muradpur	-do-	R	20-21	2000	4	11.2.68
14.	Kamalpur	Shahbazpur Drain	R	6-7	900	3	11.2.68
15.	Glalipur	-do-	L	8-9	900	3	11.2.68
16.	Shahbazpur	-do-	L	13	2000	3	11.2.68
17.	Gopala	-do-	Source	18180	4000	3	11.2.68
			of drain				
18.	Kacha Pacca	Kairon Drain	R	25-26	8000	5	12.2.68
19.	Manakpura	-do-	L	37-38	15000	5	12.2.68
20.	Bahmaniwala	-do-	R	64-65	8000	3	12.2.68
21.	Nathu Chak	-do-	R	75-76	2000	5	12.2.68
22.	Rajoke	Doda Drain	R	8-9	1000	3	13.2.68
23.	Rajoke	-do-	R	10-11	2000	1	13.2.68
24.	Rajoke	-do-	L	10-11	11000	5	13.2.68

1	2	3	4	5	6	7	8
25.	Rajoke	Dole Drain	L	11-12	100	3	13.2.68
26.	Dal	-do-	R	42-43	15000	5	13.2.68
27.	Daleri	-do-	L	42-43	2500	5	13.2.68
28.	Aminshah	-do-	Source of drain	70	2500	5	13.2.68
29.	Mama	Jhabal Drain	R	10-11	800	3	14.2.68
30.	Chhrawal	-do-	R	17-18	700	3	14.2.68
31.	Gaggobana	-do-	L	19-20	800	5	14.2.68
32.	Chabal	-do-	R D/S Bridge	31-32	900	3	14.2.68
33.	Chabal	-do-	R U/S Bridge	31-32	3000	3	14.2.68
34.	Chabal	-do-	L D/S Bridge	31-32	1900	3	14.2.68
35.	Chabal	-do-	L U/S Bridge	31-32	4000	3	14.2.68
36.	Thathi	-do-	R	31-35	3500	4	14.2.68
37.	Thathi	-do-	R	37-38	1000	3	14.2.68
38.	Thathi	-do-	R	43-44	1000	3	14.2.68
39.	Thathi	-do-	L	44-45	10000	5	14.2.68
40.	Thathi	-do-	R	50-51	1000	3	14.2.68
41.	Thatta	-do-	R	51-52	19000	5	14.2.68
42.	Kherdin	-do-	L	52-53	13000	5	14.2.68
43.	Chabal	-do-	L	52-53	2000	3	14.2.68
44.	Majjupur	Panjwar Drain	R	20-21	11000	3	14.2.68
45.	Panjwar	-do-	R	21-22	1000	3	14.2.68
46.	Pahuwind	Sohal Drain	R	4-5	11000	5	14.2.68
47.	Singpur	-do-	R	19-20	1000	3	14.2.68

1	2	3	4	5	6	7	8
48.	Sur Singh	Sohal Drain	L	19-20	17800	5	14.2.68
49.	Fatewal	-do-	R	28-29	6000	3	14.2.68
50.	Sur Singh	-do-	L	28-29	1000	2	14.2.68
51.	Bhuchar Kalan	-do-	L	52-53	2000	3	14.2.68
52.	Sohal	-do-	L	60500	1000	3	14.2.68
53.	Chaoa	-do-	L	60500	18000	5	14.2.68
54.	Algon	Kasur Nala	L	61-62	2000	5	14.2.68
55.	Tarn Taran	-do-	R	200-201	1000	3	15.2.68
56.	Tarn Taran	-do-	L	202-203	2000	4	15.2.68
57.	Vanchori	-do-	R	229-230	1200	3	15.2.68
58.	Bandala Gunowal	-do-	L	244-245	15000	5	15.2.68
59.	Jhite	-do-	L	253-254	2000	4	15.2.68
60.	Raipur	-do-	L	289-290	13500	5	15.2.68
61.	Gilwal	Jhabal Drain	R	85-86	6000	5	15.2.68
62.	Verpal	-do-	R	95-96	15000	5	15.2.68
63.	Jandiala	Devidaspura Drain	L	11-12	5000 with a tri- butary of 3250 ft.	5	15.2.68
64.	Devidaspura	-do-	L	22-23	1000	5	15.2.68
65.	Dhirkot	-do-	L	27-28	2000	5	15.2.68
66.	Vadaljohal	-do-	R	26-27	7250	5	15.2.68
67.	Akalgarh	-do-	R	28-29	20000	5	15.2.68

3. The following three tributary drains which, according to the Indian Commissioner, exist at site, were not inspected by the Commission :-

.....6/-

S.No.	Villages served by the drain.	Parent channel into which the tributary drain outfalls		Approx. length of the tributary drain in feet.	Approx. bed width near the outfall in feet.	
		Name	Side R/L			
1.	Madhor Muthra	Kasur Nala	R	42-43	5000	5
2.	Chak Bhambu	-do-	R	42-43	5000	5
3.	Noordin	Panjwar Drain	Source		8000	5

4. As authorised by the Commission the inspection of item Nos. 1 and 12 of paragraph 1 above and item Nos. 14 to 21 and 54 of paragraph 2 above was carried out on its behalf by the advisers.

5. During this tour of inspection the Commission also inspected Mari Mega drain (formerly a tributary of Kasur Nala but presently being converted into a drain-cum-escape with a syphon crossing at R.D. 55,000 of Kasur Nala and outfalling into Valtoha drain) at the following points :-

	<u>Site inspected</u>	<u>Date of inspection.</u>
1.	Syphon crossing at R.D. 55000 of Kasur Nala	11.2.1968
2.	Outfall at R.D. 46,500 of Valtoha drain	12.2.1968
3.	At R.D. 72,000	13.2.1968
4.	At the site of Head Regulator (under construction) at R.D. 188,000 of Main Branch Lower	13.2.1968

6. This tour of inspection was undertaken at the request of the Pakistan Commissioner for Indus Waters under article VIII(4) (d) of the Treaty.

7. During this tour of inspection, the two Commissioners were

.....7/-

accompanied by the following advisers :-

INDIA

1. Shri B.S. Dina
from 10-2-68 to
14-2-68
Shri V.P. Duggal
on 15.2.68 & 16.2.68
2. Shri O.P. Chadha
on 10.2.68 and 11.2.68
Shri B.K.S. Mathur
from 12.2.68 to 16.2.68

Sd/-

P.R. Ahuja
16/2/68

Commissioner for Indus Waters,
Government of India.

PAKISTAN

1. Syed Habib-ur-Rahman
2. Mr. Z.A. Khan Eurki

Sd/-

Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for Indus
Waters, Govt. of Pakistan.

Amritsar
16th February, 1968.