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U.S. DEPARTMENT OF THE INTERIOR



Bureau of Reclamation

Farmington Construction Office

Fax Number 505-326-4388

FACSIMILE TRANSMITTAL SHEET

TO: John Utton – Attention: John Whipple	FROM: Larry Walden
COMPANY: NMISC	DATE: APRIL 23, 2004
FAX NUMBER: (505) 842-8890	TOTAL NO. OF PAGES INCLUDING COVER: 3
PHONE NUMBER:	SENDER'S REFERENCE NUMBER: 505-325-1794, ext. 136
RE: NIIP Diversion Structure Capacity	YOUR REFERENCE NUMBER: FCO-150

URGENT
 FOR REVIEW
 PLEASE COMMENT
 PLEASE REPLY
 PLEASE RECYCLE

NOTES/COMMENTS:

John:

Here is the information that John Leeper requested.

Larry

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**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION**

**NAVAJO INDIAN IRRIGATION PROJECT
FARMINGTON, NEW MEXICO**

PROJECT INFORMATION SUMMARY

September, 2001

The Main Canal is the means of water conveyance from Navajo Reservoir to the project lands. Final completion of the construction was in 1977 at an approximate cost of \$108 million. Due to the length, complexity and value of the construction, the work was procured under several contracts.

Main Canal Canal Headworks

(Completed 1967)

Minimum operating water surface 5,990 feet
 Length (trash rack to tunnel) 438 feet
 Length trash rack to fixed gate 223 feet
 Diameter trash rack to fixed gate 18 feet
 Height of gate control shaft 134 feet
 Fixed-Wheel Gates (two) 9 by 12 feet
 Radial Gates (two) 9 by 12 feet
 Capacity 1,800 cfs

Tunnel No. 1
 Mile Post 0.00 - 2.01
 (Completed 1967)

Length (portal to portal) 10,079 feet
 Type Concrete circular section
 Diameter (inside) 18.0 feet
 Method of construction Hughes boring machine
 Capacity 1,800 cfs

Parshall Flume
 Mile Post 2.01 - 2.10
 (Completed 1967)

Type Reinforced concrete
 Length 494 feet
 Width 35.0 feet
 Height 9.0 feet
 Water depth 6.91 feet
 Capacity 1,800 cfs

Gobernador Siphon
 Mile Post 2.1 - 2.4
 (Completed 1969)

Length of siphon barrel 1,262 feet
 Type Monolithic concrete section
 Inside diameter of pipe 17.5 feet
 Thickness of pipe wall 19 inches
 Capacity 1,800 cfs