UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

Official Photograph Log

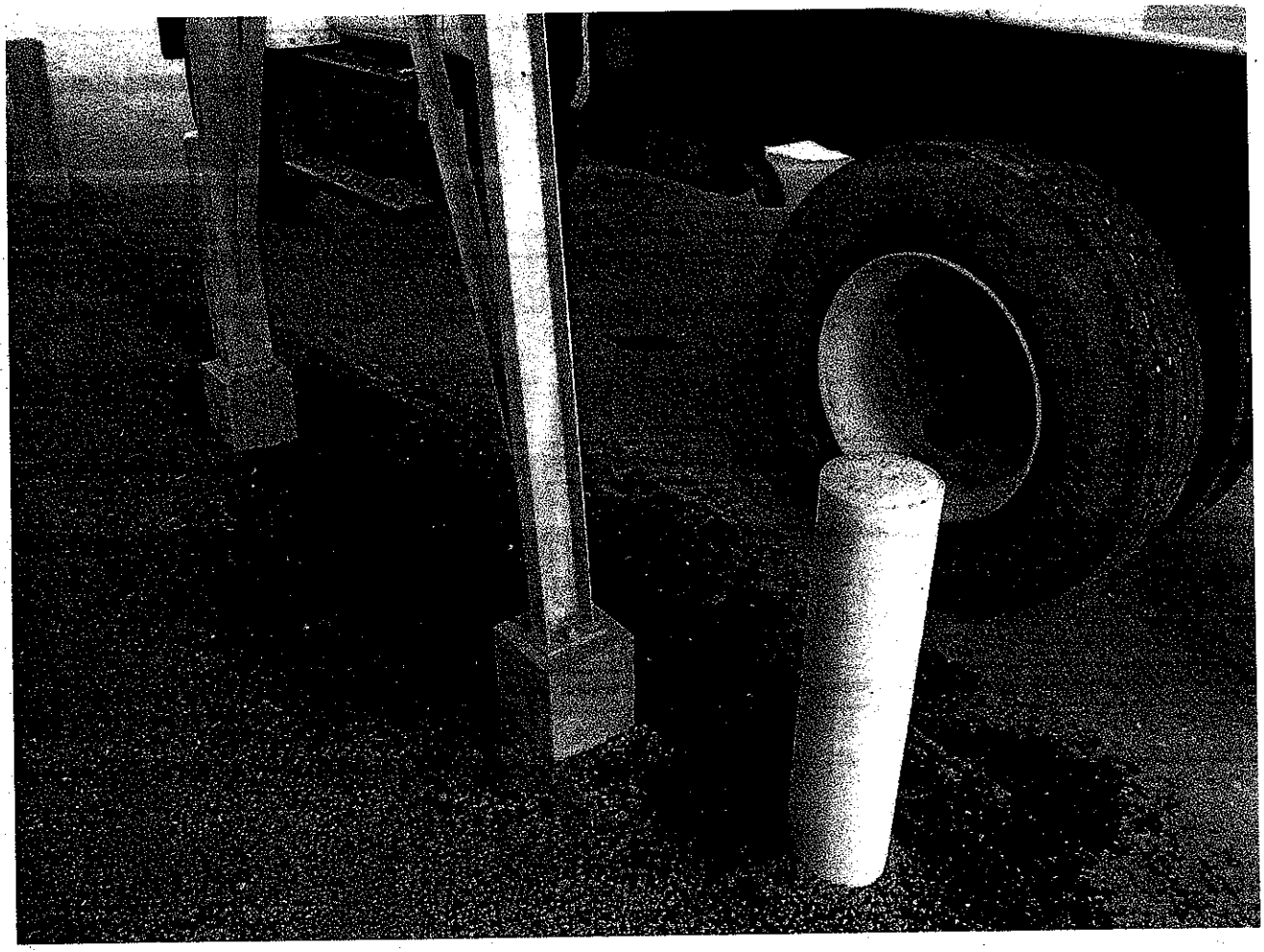
Photo: 17 of 22

Photographer: Robert Houston **Date:** October 11, 2012 **Time:** 12:37 PM

Location: 1702 Haldeman Road **City/County:** Artesia **State:** New Mexico

Weather: 73.4 °F **Conditions:** Clear

Subject: Staff failed to clean residue from the belt press/truck transfer station. Residue was located on the ground.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

Official Photograph Log

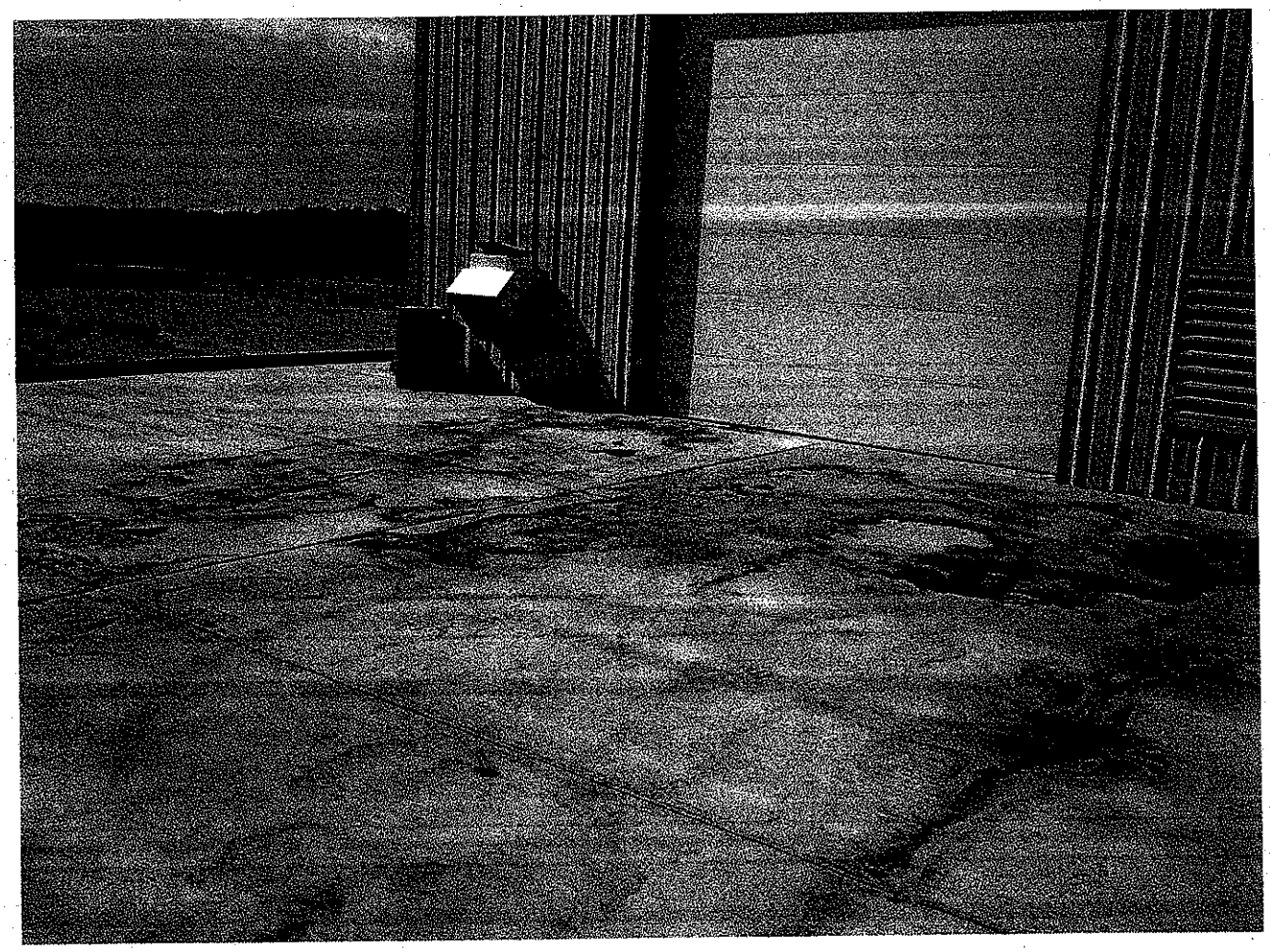
Photo: 18 of 22

Photographer: Robert Houston **Date:** October 11, 2012 **Time:** 12:38 PM

Location: 1702 Haldeman Road **City/County:** Artesia **State:** New Mexico

Weather: 73.4 °F **Conditions:** Clear

Subject: Staff failed to clean residue from the belt press. Residue was located on the ground.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

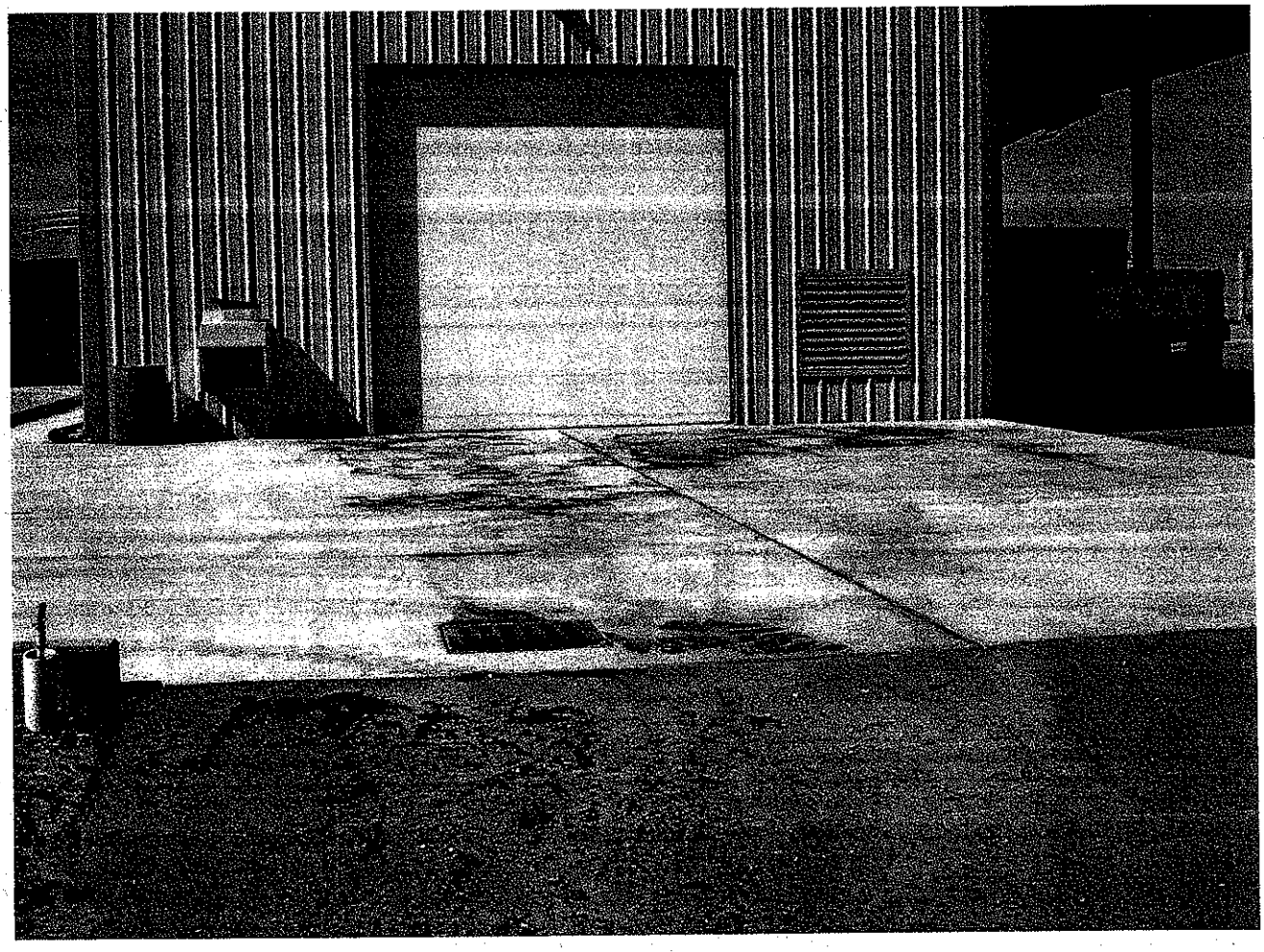
Official Photograph Log
Photo: 19 of 22

Photographer: Robert Houston **Date:** October 11, 2012 **Time:** 12:40 PM

Location: 1702 Haldeman Road **City/County:** Artesia **State:** New Mexico

Weather: 73.4 °F **Conditions:** Clear

Subject: Staff failed to clean residue from the belt press. Residue was located on the ground.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

Official Photograph Log

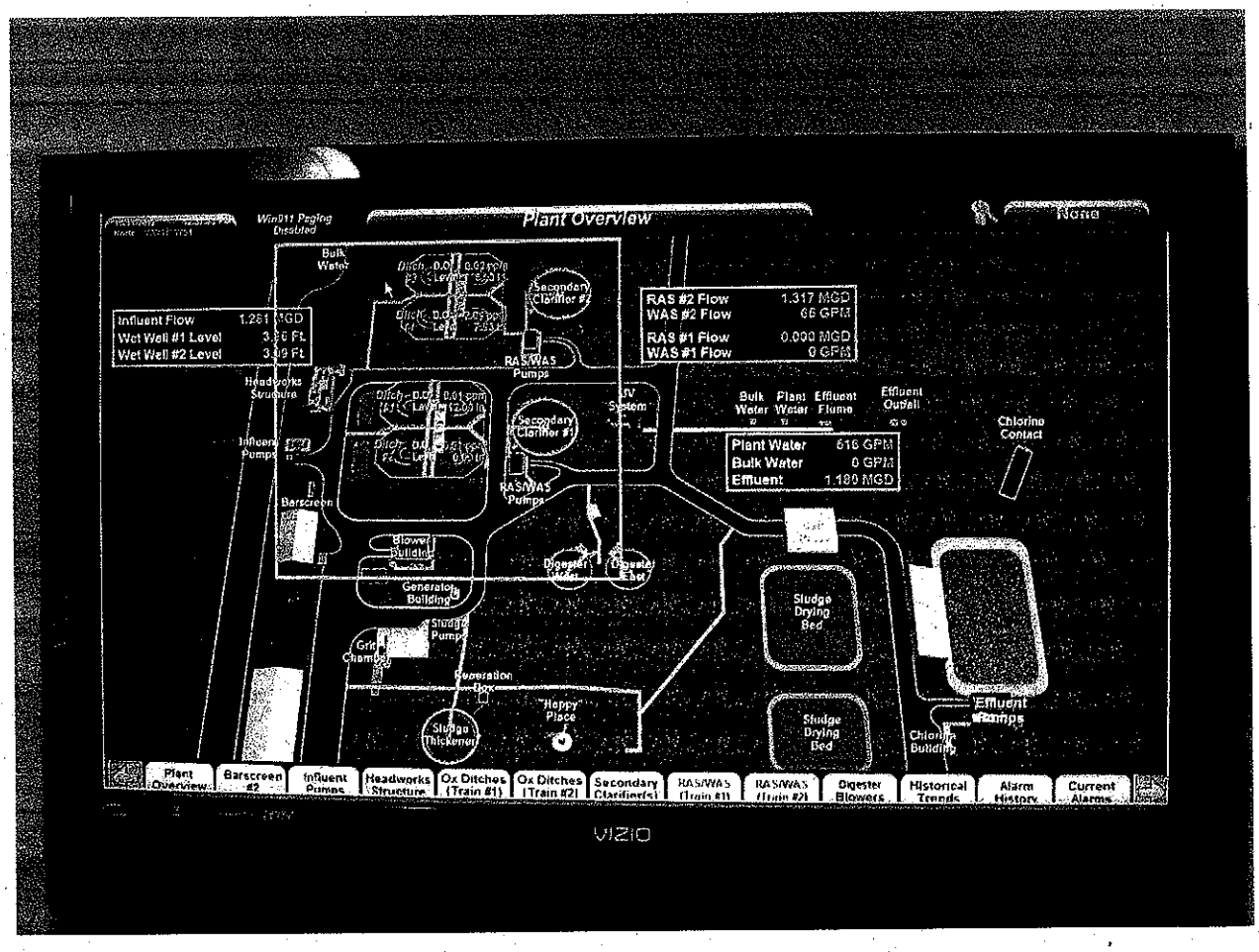
Photo: 20 of 22

Photographer: Robert Houston **Date:** October 11, 2012 **Time:** 12:47 PM

Location: 1702 Haldeman Road **City/County:** Artesia **State:** New Mexico

Weather: 73.4 °F **Conditions:** Clear

Subject: SCADA – Wastewater Treatment Plant Overview.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

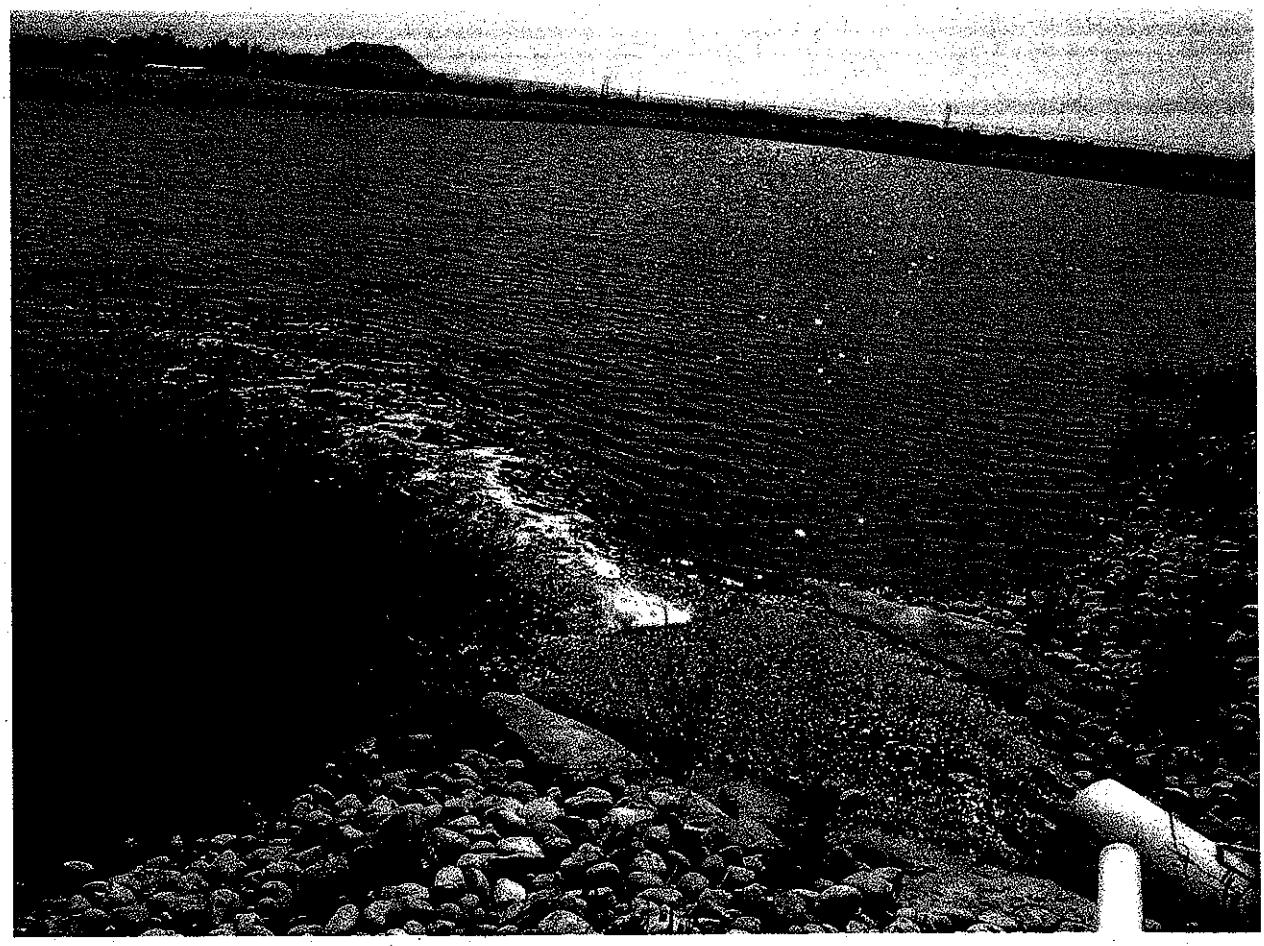
Official Photograph Log

Photographer: Robert Houston **Date:** October 11, 2012 **Time:** 1:39 PM

Location: 1702 Haldeman Road **City/County:** Artesia **State:** New Mexico

Weather: 71.6 °F **Conditions:** Clear

Subject: Discharge to retention lagoon.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

Official Photograph Log

Photo: 22 of 22

Photographer: Robert Houston

Date: October 11, 2012

Time: 1:11 PM

Location: 1702 Haldeman Road

City/County: Artesia

State: New Mexico

Weather: 71.6 °F

Conditions: Clear

Subject: No discharge at Outfall.

Attachment A

YUKON & ASSOCIATES, LTD.

4211 Hawkins NE
Albuquerque, NM 87109
(505) 344-2972

INSTRUMENT and LOOP CALIBRATION RECORD

CUSTOMER: ARTESIA WWTP	INSTRU. TAG:
SERVICE: EFFLUENT FLOW	I/O TAG:
MANUFACT.: HACH SC-200	SERIAL NO.: 1007591000115
TRANSMITTER MODEL: SC-200	
ELEMENT MODEL: U53 - 4535030	
SN: 1007530246	
INPUT RANGE: 0 - 6MGD	OUTPUT RANGE: 4-20MA

9" PARSHALL FLUME ISCO 6TH EDITION PP. 304-305

%	INPUT	OUTPUT	DESIRED OUTPUT
0			4 madc
25	.89' = 1.66 MGD	1.67 MGD @ 8.42 MA	8.42 madc
50			12 madc
75			16 madc
100			20 madc

LOOP CHECK

%	INPUT	PLC SIGNAL	FIELD SIGNAL
0	4 madc	4MA 0MGD	0MGD 4MA
50	12 madc	12MA .181 MGD	3 MGD 12MA
100	20 madc	20MA .361 MGD	6 MGD 20MA

Jumpers, switches, etc.: RESET FLOWMETER TO FACTORY DEFAULTS TO CLEAR MULTIPLE PROGRAMMING ERRORS

FLUMES DISCHARGE IS IN SUBMERGED FLOW CONDITION DUE TO NON-FREE FLOWING DISCHARGE PIPE.
FLOWRATE SURGES FROM .85 - .95 IN 5-10 SECONDS
FIELD SIGNALS FROM FLOWMETER ARE NOT MATCHING THE SCADA RANGE OF 0-6 MGD. SCALING APPEARS TO BE 0 - .36MGD. SCADA WILL READ ERRONEOUSLY UNTIL IT IS RE-SCALED

Calibrated By: JHK JAMES KIRCHA	Witnessed By:
Date: 3-5-2012	Date:

YUKON & ASSOCIATES, LTD.

4211 Hawkins NE
Albuquerque, NM 87109
(505) 344-2972

INSTRUMENT and LOOP CALIBRATION RECORD

CUSTOMER: ARTESIA WWTP	INSTRU. TAG:
SERVICE: INFLUENT FLOW	I/O TAG:
MANUFACT.: DREXEL BROOK	SERIAL NO.:
TRANSMITTER MODEL: UNIVERSAL II	
ELEMENT MODEL: 408-	
INPUT RANGE: 0-3.5 MGD	OUTPUT RANGE: 4-20 MA

%	INPUT	OUTPUT	DESIRED OUTPUT
0			4 madc
25			8 madc
50	.82' = 1.91 MGD	1.90 MGD @ 12.67 MA	12.73 ~~12~~ madc
75			16 madc
100			20 madc

LOOP CHECK

%	INPUT	PLC SIGNAL	FIELD SIGNAL
0	4 madc		
50	12 madc		
100	20 madc		

Jumpers, switches, etc.:
AS FOUND READINGS = 9% LOW
CLEANED ELEMENT + STAFF GAUGE
LEFT DAMPING @ 5 SECONDS

Calibrated By: JAMES KIRCHER	Witnessed By:
Date: 3-5-2012	Date: