

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME:	MINE/PROSPECTING ID#:	MINERAL:	COUNTY:	
Cresson Project	M-1980-244	Gold	Teller	
INSPECTION TYPE:	INSPECTOR(S):	INSP. DATE:	INSP. TIME:	
Monitoring	Timothy A. Cazier	July 21, 2015	10:00	
OPERATOR:	<b>OPERATOR REPRESENTATIVE:</b>	TYPE OF OPERATION:		
Cripple Creek & Victor Gold Mining Company	Chris Hanks	112d-3 - Designated Mining Operation		

<b>REASON FOR INSPECTION:</b>	BOND CALCULATION TYPE:	BOND AMOUNT:
Normal I&E Program	None	\$136,475,000.00
DATE OF COMPLAINT:	POST INSP. CONTACTS:	JOINT INSP. AGENCY:
NA	None	None
WEATHER:	INSPECTOR'S SIGNATURE:	SIGNATURE DATE:
Cloudy	0 fm	July 29, 2015
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# **GENERAL INSPECTION TOPICS**

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS <u>Y</u>	(FN) FINANCIAL WARRANTY <u>N</u>	(RD) ROADS <u>Y</u>
(HB) HYDROLOGIC BALANCE Y	(BG) BACKFILL & GRADING <u>N</u>	(EX) EXPLOSIVES <u>N</u>
(PW) PROCESSING WASTE/TAILING <u>N</u>	(SF) PROCESSING FACILITIES Y	(TS) TOPSOIL <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE <u>Y</u>	(RV) REVEGETATION N
(SM) SIGNS AND MARKERS <u>N</u>	(SP) STORM WATER MGT PLAN <u>N</u>	(SB) COMPLETE INSP <u>N</u>
(ES) OVERBURDEN/DEV. WASTE <u>N</u>	(SC) EROSION/SEDIMENTATION Y	(RS) RECL PLAN/COMP N
(AT) ACID OR TOXIC MATERIALS Y	(OD) OFF-SITE DAMAGE <u>N</u>	

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

## **OBSERVATIONS**

The Division conducted a monitoring inspection of the site on July 21, 2015. Chris Hanks represented the Operator during various parts of the inspection. Tim Cazier represented the Division. The following facilities were inspected during this site visit:

- Squaw Gulch Underdrain Ponds,
- Arequa Gulch Valley Leach Facility (AGVLF) HVSCS/LVSCS water levels,
- Mill Platform Area Drain Line Containment Area,
- Carlton Tunnel,
- Appurtenant Environmental Protection Facilities (EPFs):
  - o Carlton Adsorption/Desorption Recovery (ADR),
  - Carlton Assay Lab

### Underdrain Pond Inspection:

Ron DiDonato was on site for the Squaw Gulch underdrain pond inspection. Small cracks were observed in all four corners of each of the two ponds (see **Photo 1**), but not in the overflow chute between the two ponds (see **Photo 2**). Mr. DiDonto explained the standing water in the ponds (see **Photo 3**) would be pumped out prior to installing the GCL/geomembrane liner approved by the Division as part of TR-74. The liner installation should be completed in less than a week's time. He also pointed out the location of the proposed pumpback pump enclosure (see **Photo 4**) between the upgradient pond and the stormwater diversion ditch at the toe of the Hwy 67 embankment. Mr. DiDonto confirmed the mine would provide a quality assurance certification report for the installation of the liner; separate from the SGVLF Phase I certification report. The pumpback line had been installed and buried in a trench along the north Hwy 67 embankment contact (see **Photo 5**).

### Construction:

Mr. DiDonato provided a construction update on the SGVLF Phase I liner construction:

- The recent frequent rains have caused erosion problems with the drain cover fill (DCF);
- Ames is re-inspecting the geomembrane liner prior to replacing the DCF.

### Mill Area Drain Inspection:

Jeff Winterton was on site for the Mill Platform Area Drain Line Containment Area inspection. Mr. Winterton explained the temporary setup for conveying water collected in mill area sumps CB-3, CB-4, and CB-5 (west to east) to the SGVLF approved Pregnant Solution Storage Area (PSSA) necessary until the SGVLF Phase I and II liner is tied into the mill platform liner. As Mr. Winterton explained, some mill process water gets combined with meteoric water in the mill area. This water is collected in sumps CB-3, CB-4, and CB-5, the drained via gravity in the CPE Storm Drain ultimately through the HGM Drain Line to the Mill Platform Area Drain Line Containment Area (see **Photo 6**), where it was transferred to the SGVLF PSSA. However, due to the low acidity, precipitates were clogging the drain pipes. The mine is now pumping approximately 100 gpm of the low acidity water (pH  $\sim$  4) directly from CB-3 (see **Photo 7**) to the SGVLF PSSA. This will no longer be necessary once there is an approved continuous liner between the PSSA and the mill area liner.

### Carlton ADR and Assay Lab Inspection:

The Carlton ADR and Assay Lab were inspected as part of the Division's more structured inspection program for EPFs. Mr. Hanks stated the mine is high volume producer of lead waste and that Safe Harbors transports their lead waste off site to a proper disposal site.

A mine representative familiar with each respective facility escorted this inspector through and around both buildings. The Division noted proper secondary containment protocols in place, such as in the reagent storage area of the assay lab (see **Photo 8**) and that the majority of containers stored outside were labeled properly (see **Photo 9**). This inspector noted labels on some five-gallon buckets used for storing purchased inert gravel (used in some lab testing) had worn off.

Mine personnel were assigned to marking those containers prior to this inspector leaving the facility. This inspector observed some large blue plastic drums (see **Photo 10**) on the north side of the assay lab. The lab representative was unsure what was inside and opened one up to reveal it contained small bags of drill cuttings. Because of the uncertainty of its contents and the proximity to the lab where potentially hazardous substances are used, the Division recommends all containers be labeled (even with "Non-hazardous Material" or "Inert Material" if appropriate) and properly segregated in order to avoid accidental exposure. No leaking or damaged containers were observed.

#### Water levels:

The inspection continued as the Division visited each of the high and low solution collection system transducers and recorded water level values. The recording sheet is included as **Attachment A**, and the values are summarized below in the Transducer Readings. Post inspection the Division noted Phase II Pond Piezometer (Piezo (Pipe)) is remarkably constant given the variability in the three Phase II pump transducers. The Division's recorded level from the last three inspections (5/21, 6/17, 7/21) was 30.9 feet and the two inspections previously (2/24 & 3/11) at 31.8 feet (both times). The Division recommends verifying the Phase II Pond piezometer is functioning properly.

Transducer	Readings:
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Summary:

- 1) As most, but not all the containers in the area outside the assay lab, the Division recommends the mine review their hazard communication and materials handling plans to ensure proper labeling, storage and segregation of used materials is practiced.
- 2) Due to the unexpected constant water levels recorded by the Division during the last five water level inspections, the Division recommends verifying the Phase II Pond Piezometer is functioning properly. Therefore, the Division requests the mine's logs be available for review during the August 2015 inspection.

#### PERMIT #: M-1980-244 INSPECTOR'S INITIALS: TC1 INSPECTION DATE: July 21, 2015

## **PHOTOGRAPHS**



Photo 1. Typical small crack observed in corners of each underdrain pond.



Photo 2. No cracks observed in underdrain overflow chute.



Photo 3. Temporary pump setup for underdrain ponds (looking south).



Photo 4. Location of proposed pumpback pump enclosure (looking NE).



Photo 5. Pumpback line trench along the north Hwy 67 embankment contact (looking north).



Photo 6. Mill Platform Area Drain Line Containment Area (looking west).

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Photo 7. Mill Platform Area sump CB-3 (looking north).



Photo 8. Secondary containment in the Assay Lab reagent storage area.

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Photo 9. Labeled 55-gallon drums outside ADR / no leaks were observed.



Photo 10. Large blue plastic drums on the north side of the assay lab.

### **Inspection Contact Address**

Chris Hanks Cripple Creek & Victor Gold Mining Company 100 North Third Street Victor, CO 80860

### Enclosure

CC: Wally Erickson, DRMS Amy Eschberger, DRMS Elliott Russell, DRMS Chris Hanks, CC&V DRMS file

### ATTACHMENT A

Date:			1/7/15	2/24/15	3/11/15	5/21/15	6/17/15	7/21/15	Notes	
Phase I Hig	h Volume Solution Collection	Units	15:19	10:59	12:12	13:23		12:07		
	Pump #299 / XDCR #xx	(ft)	34.1	42.1	36.9	34.5	39.5			
	Pump #300 / XDCR #00	(ft)	33.9	44.1	34.3	37.9	35.0			
	Pump #301 / XDCR #01	(ft)	39.6		23.0	51.5	48.8			
<u>top. @ 03.75</u> <u>ft</u>				<u> </u>				23.6	/ <u>\</u> //	
<u>14</u>	Pump #302 / XDCR #02	(ft)	46.3	37.3	33.8	58.5	55.1	37.4		
	Pump #303 / XDCR #03	(ft)	52.8		37.8	67.7	66.3	45.0		
	d Piezometers		15:19	10:59		13:23		12:07		
80% cap. @ 63.75 ft	Pond Lvl / XDCR #1	(ft)	63.8	57.1	53.2	71.9	71.6	59.4	/2//	/
daila ic	System Press / XDCR #2	(ft)	51.9	48.2	48.8	49.6	50.7	48.5	system head	
Phase 1 Low	Volume Solution Collection		14:44	10:21	12:19	13:34		12:16		
Note: Reg'd	Piezo #1 (HAND)	(ft)	0.39	0.55	0.57	0.52	0.49	0.56		
<2ft	Piezo #2 (AUTO)	(ft)	0.64	0.68	0.74	0.61	0.53	0.77		
		. ,	10.10		10.00					
	II High Volume Solution Collection		15:10	10:47	12:33	13:37		12:11		
	Pump / XDCR #4	(ft)	38.4	25.0	23.0	25.3	14.6	16.3	0	
	Pump / XDCR #5	(ft)	46.4	18.3	17.8	24.0	17.4	17.4		
<u>ft</u>	Pump / XDCR #6	(ft)	42.9	27.1	24.7	29.5	14.6	16.1		
Phase II & I	Il Pond Piezometer		15:10	10:47		13:37	_	12:11		
80% @ 49.4 ft	Piezo (Pipe)	(ft)	46.7	31.8	31.8	30.9	30.9	30.1	IL	ર્ે
Phase II & I	I Low Volume Solution Collection		15:12	10:52	12:30	13:39		12:20	¥	36
	Pump / XDCR #1 (AUTO)	(ft)	0.70	0.46	0.71	0.70	0.36	0.53	10	1 × 1
<2ft	Pump / XDCR #2 (AUTO)	(ft)	0.25	0.30	0.41	0.32	0.38	0.54		2:
		119								2
<u>Phase IV Hi</u>	gh Volume Solution Collection		13:47	11:52	11:28	12:00	1	11:37		25
	Pump #4 / XDCR #307	(ft)	27.1	35.7	32.9	35.0	26.8		2 NEED	Vy V
Note: 80%	Pump #5 / XDCR #308	(ft)	26.7	35.4	32.8	35.2	26.5		SIDO! EXPL.	d'
<u>cap. @ 56.5</u> ft	Pump #6 / XDCR #309	(ft)	26.7	35.3	32.5	35.0	26.7		FOR	KY'
<u>n</u>	XDCR pipe (#310 Reserved)	(ft)	26.7	35.3	32.5	35.0	26.8	<i>duo</i> :	ANOMAL	ĻV –
		· · /								/
Phase IV Lo	w Volume Solution Collection		13:52	11:57	11:35	12:15		11:47		
	w Volume Solution Collection	(in)	13:52	11:57	11:35	12:15 16 3	11 7	11:42		
Note: Req'd	Pump / XDCR #1	(in)	16.7	18.3	17.8	16.3	11.7	19.0		
Note: Req'd <24"	Pump / XDCR #1 Pump / XDCR #2	(in) (in)			r		11.7 11.5	19.0		
Note: Req'd <24"	Pump / XDCR #1		16.7	18.3	17.8	16.3		19.0	all	
Note: Req'd <24" Phase V Hig	Pump / XDCR #1 Pump / XDCR #2		16.7 11.0	18.3 11.5	17.8 11.8 12:04	16.3 11.9	11.5	19.0	& Perel	
Note: Req'd <24" Phase V Hig Note: 80%	Pump / XDCR #1 Pump / XDCR #2 h Volume Solution Collection	(in)	16.7 11.0 15:27	18.3 11.5 11:08	17.8 11.8 12:04	16.3 11.9 13:09	11.5	19.0 11.9 11:55 18.8	Level	
Note: Req'd <24" Phase V Hig <u>Note: 80%</u> <u>cap. @ 36.5</u>	Pump / XDCR #1 Pump / XDCR #2 h Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO)	(in) (ft) (ft)	16.7 11.0 15:27 29.46 19.13	18.3 11.5 11:08 19.20 29.53	17.8 11.8 12:04 32.74 21.17	16.3 11.9 13:09 42.87 21.04	11.5 14.10 13.30	19.0 11.9 11:55 18.8 18.1	SIGN	
Note: Req'd <24" Phase V Hig Note: 80%	Pump / XDCR #1 Pump / XDCR #2 h Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO)	(in) (ft) (ft) (ft)	16.7 11.0 15:27 29.46 19.13 28.34	18.3 11.5 11:08 19.20 29.53 32.29	17.8 11.8 12:04 32.74 21.17 20.30	16.3 11.9 13:09 42.87 21.04 19.90	11.5 14.10 13.30 14.20	19.0 11.9 11.55 18.8 18.1 19.1	Level	
Note: Req'd <24" Phase V Hig Note: 80% cop. @ 36.5 <u>ft</u>	Pump / XDCR #1 Pump / XDCR #2 th Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO)	(in) (ft) (ft)	16.7 11.0 15:27 29.46 19.13 28.34 18.96	18.3 11.5 11:08 19.20 29.53 32.29 32.28	17.8 11.8 12:04 32.74 21.17 20.30 30.90	16.3 11.9 13:09 42.87 21.04 19.90 31.65	11.5 14.10 13.30 14.20	19.0 11.9 11.55 18.8 18.1 19.1 19.1 17.9	SIGN	
Note: Req'd <24" Phase V Hig Note: 80% cap. @ 36.5 <u>ft</u> Phase V Lov	Pump / XDCR #1 Pump / XDCR #2 th Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO) v Volume Solution Collection	(in) (ft) (ft) (ft) (ft)	16.7 11.0 15:27 29.46 19.13 28.34 18.96 15:29	18.3 11.5 11:08 19.20 29.53 32.29 32.28 11:12	17.8 11.8 12:04 32.74 21.17 20.30 30.90 11:59	16.3 11.9 13:09 42.87 21.04 19.90 31.65 13:13	11.5 14.10 13.30 14.20 13.90	19.0 11.4 11.55 18.2 18.1 19.1 17.9 17.9	SIGN POSTED	
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Note: Req'd <24" Phase V Hig Note: 80% cap. @36.5 <u>ft</u> Phase V Lov Note: Req'd <24" External Po Note: Req'd <24"	Pump / XDCR #1 Pump / XDCR #2 h Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO) v Volume Solution Collection XDCR #001 XDCR #002 nd Low Volume Solution Collection Pump / XDCR #1- <i>EXT</i> (AUTO)	(in) (ft) (ft) (ft) (ft) (ft) (in) (in)	16.7 11.0 15:27 29.46 19.13 28.34 18.96 15:29 10.08 16.80 14:40 13.5 17.1 14:56	18.3 11.5 11:08 19.20 29.53 32.29 32.28 11:12 12.84 16.30 10:18 9.1 12.2 10:39	17.8 11.8 12:04 32.74 21.17 20.30 30.90 11:59 9.42 15.50 12:24 9.7	16.3 11.9 13:09 42.87 21.04 19.90 31.65 13:13 13.14 14.60 13:29 14.0 11.8	11.5 14.10 13.30 14.20 13.90 12.34 14.80 •+3-42	19.0 11.4 11.55 18.8 18.1 19.1 17.9	SIGN POSTED	
Note: Req'd <24" Phase V Hig Note: 80% cap. @36.5 <u>ft</u> Phase V Lov Note: Req'd <24" External Po Note: Req'd <24"	Pump / XDCR #1 Pump / XDCR #2 th Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO) V Volume Solution Collection XDCR #001 XDCR #002 M Low Volume Solution Collection Pump / XDCR #1-EXT (AUTO) Pump / XDCR #2-EXT (AUTO)	(in) (ft) (ft) (ft) (ft) (ft) (in) (in)	16.7 11.0 15:27 29.46 19.13 28.34 18.96 15:29 10.08 16.80 14:40 13.5 17.1	18.3 11.5 11:08 19.20 29.53 32.29 32.28 11:12 12.84 16.30 10:18 9.1 12.2 10:39	17.8 11.8 12:04 32.74 21.17 20.30 30.90 11:59 9.42 15.50 12:24 9.7 13.4 12:42	16.3 11.9 13:09 42.87 21.04 19.90 31.65 13:13 13.14 14.60 13:29 14.0	11.5 14.10 13.30 14.20 13.90 12.34 14.80 •+3-42	19.0 11.4 11.55 18.8 18.1 19.1 17.9	SIGN POSTED	5 okes
Note: Req'd < 24" Phase V Hig Note: 80% cap. @ 36.5 <u>ft</u> Phase V Low Note: Req'd < 24" External Po Note: Req'd < 24"	Pump / XDCR #1 Pump / XDCR #2 th Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO) Volume Solution Collection XDCR #001 XDCR #002 nd Low Volume Solution Collection Pump / XDCR #1-EXT (AUTO) Pump / XDCR #2-EXT (AUTO) Discharge Area	(in) (ft) (ft) (ft) (ft) (in) (in)	16.7           11.0           15:27           29.46           19.13           28.34           18.96           15:29           10.08           16.80           14:40           13.5           17.1           14:56           14.0	18.3 11.5 19.20 29.53 32.29 32.28 11:12 12.84 16.30 10:18 9.1 12.2 10:39 8.0	17.8 11.8 12:04 32.74 21.17 20.30 30.90 11:59 9.42 15.50 12:24 9.7 13.4 12:42 15.0	16.3 11.9 13:09 42.87 21.04 19.90 31.65 13:13 13.14 14.60 13:29 14.0 11.8 28.6	11.5 14.10 13.30 14.20 13.90 12.34 14.80 •••••••	19.0 11.9 11.55 18.8 18.1 19.1 17.9 17.9 17.9 12.46 14.4 12.46 14.4 12.27 5.3.44	SIGN POSTED	ts öke;
Note: Req'd <24" Phase V Hig Note: 80% cap. @ 36.5 <u>ft</u> Phase V Low Note: Req'd <24" External Po Note: Req'd <24"	Pump / XDCR #1 Pump / XDCR #2 h Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO) v Volume Solution Collection XDCR #001 XDCR #002 nd Low Volume Solution Collection Pump / XDCR #1-EXT (AUTO) Pump / XDCR #1-EXT (AUTO) Pump / XDCR #2-EXT (AUTO) Discharge Area South Underdrain (S U/D) 4" Pipe Discharge AG 01 Spring Pipe	(in) (ft) (ft) (ft) (ft) (in) (in) (in) (gem)	16.7 11.0 15:27 29.46 19.13 28.34 18.96 15:29 10.08 16.80 14:40 13.5 17.1 14:56 14.0 Dry	18.3 11.5 19.20 29.53 32.29 32.28 11:12 12.84 16.30 10:18 9.1 12.2 10:39 8.0 Dry	17.8 11.8 12:04 32.74 21.17 20.30 30.90 11:59 9.42 15.50 12:24 9.7 13.4 12:42 15.0 Dry	16.3 11.9 13:09 42.87 21.04 19.90 31.65 13:13 13.14 14.60 13:29 14.0 11.8 28.6 Dry	11.5 14.10 13.30 14.20 13.90 12.34 14.80 ••••••••••••••••••••••••••••••••••••	19.0 11.4 11.55 18.8 18.1 19.1 17.9	SIGN POSTED	sicke,
Note: Req'd <24" Phase V Hig Note: 80% cap. @ 36.5 ft Phase V Lov Note: Req'd <24" External Po Note: Req'd <24" Underdrain Note: 1 &/sec =	Pump / XDCR #1 Pump / XDCR #2 th Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO) V Volume Solution Collection XDCR #001 XDCR #002 Md Low Volume Solution Collection Pump / XDCR #1-EXT (AUTO) Pump / XDCR #1-EXT (AUTO) Pump / XDCR #2-EXT (AUTO) Discharge Area South Underdrain (S U/D) 4" Pipe Discharge AG 01 Spring Pipe NPDES Discharge AG 1.5 -001A	(in) (ft) (ft) (ft) (ft) (in) (in) (in)	16.7 11.0 15:27 29.46 19.13 28.34 18.96 15:29 10.08 16.80 14:40 13.5 17.1 14:56 14.0 Dry Dry	18.3 11.5 19.20 29.53 32.29 32.28 11:12 12.84 16.30 10:18 9.1 12.2 10:39 8.0 Dry Dry	17.8 11.8 12:04 32.74 21.17 20.30 30.90 11:59 9.42 15.50 12:24 9.7 13.4 12:42 15.0 Dry Dry	16.3 11.9 13:09 42.87 21.04 19.90 31.65 13:13 13.14 14.60 13:29 14.0 11.8 28.6 Dry Dry	11.5 14.10 13.30 14.20 13.90 12.34 14.80 •/	19.0 11.9 11.55 18.8 18.1 19.1 17.9 17.9 17.9 12.46 14.4 12.46 14.4 12.27 5.3.44	SIGN POSTED	1. joke,
Note: Req'd <24" Phase V Hig Note: 80% cap. @ 36.5 <u>ft</u> Phase V Low Note: Req'd <24" External Po Note: Req'd <24"	Pump / XDCR #1 Pump / XDCR #2 h Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO) v Volume Solution Collection XDCR #001 XDCR #002 nd Low Volume Solution Collection Pump / XDCR #1-EXT (AUTO) Pump / XDCR #1-EXT (AUTO) Pump / XDCR #2-EXT (AUTO) Discharge Area South Underdrain (S U/D) 4" Pipe Discharge AG 01 Spring Pipe	(in) (ft) (ft) (ft) (ft) (in) (in) (in) (gem)	16.7 11.0 15:27 29.46 19.13 28.34 18.96 15:29 10.08 16.80 14:40 13.5 17.1 14:56 14.0 Dry	18.3 11.5 19.20 29.53 32.29 32.28 11:12 12.84 16.30 10:18 9.1 12.2 10:39 8.0 Dry	17.8 11.8 12:04 32.74 21.17 20.30 30.90 11:59 9.42 15.50 12:24 9.7 13.4 12:42 15.0 Dry	16.3 11.9 13:09 42.87 21.04 19.90 31.65 13:13 13.14 14.60 13:29 14.0 11.8 28.6 Dry	11.5 14.10 13.30 14.20 13.90 12.34 14.80 ••••••••••••••••••••••••••••••••••••	19.0 11.9 11.55 18.8 18.1 19.1 17.9 17.9 17.9 12.46 14.4 12.46 14.4 12.27 5.3.44	SIGN POSTED	4 intes,
Note: Req'd <24" Phase V Hig Note: 80% cap. @ 36.5 ft Phase V Lov Note: Req'd <24" External Po Note: Req'd <24" Underdrain Note: 1 &/sec =	Pump / XDCR #1 Pump / XDCR #2 th Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO) V Volume Solution Collection XDCR #001 XDCR #002 Md Low Volume Solution Collection Pump / XDCR #1-EXT (AUTO) Pump / XDCR #1-EXT (AUTO) Pump / XDCR #2-EXT (AUTO) Discharge Area South Underdrain (S U/D) 4" Pipe Discharge AG 01 Spring Pipe NPDES Discharge AG 1.5 -001A	(in) (ft) (ft) (ft) (ft) (ft) (in) (in) (in) (gem) (gem)	16.7 11.0 15:27 29.46 19.13 28.34 18.96 15:29 10.08 16.80 14:40 13.5 17.1 14:56 14.0 Dry Dry	18.3 11.5 19.20 29.53 32.29 32.28 11:12 12.84 16.30 10:18 9.1 12.2 10:39 8.0 Dry Dry	17.8 11.8 12:04 32.74 21.17 20.30 30.90 11:59 9.42 15.50 12:24 9.7 13.4 12:42 15.0 Dry Dry	16.3 11.9 13:09 42.87 21.04 19.90 31.65 13:13 13.14 14.60 13:29 14.0 11.8 28.6 Dry Dry	11.5 14.10 13.30 14.20 13.90 12.34 14.80 	19.0 11.9 11.55 18.8 18.1 19.1 17.9 17.9 17.9 12.46 14.4 12.46 14.4 12.27 5.3.44	SIGN POSTED	to oke,
Note: Req'd <24" Phase V Hig Note: 80% cap. @ 36.5 <u>ft</u> Phase V Low Note: Req'd <24" External Po Note: Req'd <24" Underdrain Note: 1 &/sec = 15.85 gpm	Pump / XDCR #1 Pump / XDCR #2 th Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO) Volume Solution Collection XDCR #001 XDCR #002 Mage: Solution Collection Pump / XDCR #1-EXT (AUTO) Pump / XDCR #1-EXT (AUTO) Pump / XDCR #2-EXT (AUTO) Discharge Area South Underdrain (S U/D) 4" Pipe Discharge AG 01 Spring Pipe NPDES Discharge AG 1.5 -001A North Underdrain (N U/D) 24-inch Solid Pipe	(in) (ft) (ft) (ft) (ft) (ft) (ft) (in) (in) (in) (gem) (gem) (gem)	16.7 11.0 29.46 19.13 28.34 18.96 15:29 10.08 16.80 14:40 13.5 17.1 14:56 14.0 Dry Dry Dry Dry	18.3 11.5 19.20 29.53 32.29 32.28 11:12 12.84 16.30 10:18 9.1 12.2 10:39 8.0 Dry Dry Dry Dry Dry	17.8 11.8 12:04 32.74 21.17 20.30 30.90 11:59 9.42 15.50 12:24 9.7 13.4 12:42 15.0 Dry Dry Dry	16.3 11.9 13:09 42.87 21.04 19.90 31.65 13:13 13.14 14.60 13:29 14.0 11.8 28.6 Dry Dry Dry Dry Dry	11.5 14.10 13.30 14.20 13.90 12.34 14.80 ••••••••••••••••••••••••••••••••••••	19.0 11.9 11.55 18.8 18.1 19.1 17.9 17.9 17.9 12.46 14.7 12.46 14.7 12.46 14.7 12.46 14.7 12.46 14.7 13.7 11.4 12.27 5.7 .Fu	SIGN POSTED	15 intes,
Note: Req'd <24" Phase V Hig Note: 80% cap. @ 36.5 <u>ft</u> Phase V Low Note: Req'd <24" External Po Note: Req'd <24" Underdrain Note: 1 &/sec = 15.85 gpm	Pump / XDCR #1 Pump / XDCR #2 th Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO) Volume Solution Collection XDCR #001 XDCR #002 MARCON ESOLUTION Collection Pump / XDCR #1-EXT (AUTO) Pump / XDCR #1-EXT (AUTO) Pump / XDCR #2-EXT (AUTO) Discharge Area South Underdrain (S U/D) 4" Pipe Discharge AG 01 Spring Pipe NPDES Discharge AG 1.5 -001A North Underdrain (N U/D) 24-inch Solid Pipe Ch Monitor Well Pumpback System	(in) (ft) (ft) (ft) (ft) (in) (in) (in) (gem) (gem) (gem) (gem)	16.7 11.0 15:27 29.46 19.13 28.34 18.96 15:29 10.08 16.80 14:40 13.5 17.1 14:56 14.0 Dry Dry Dry Dry Dry 14:52	18.3 11.5 19.20 29.53 32.29 32.28 11:12 12.84 16.30 10:18 9.1 12.2 10:39 8.0 Dry Dry Dry Dry Dry 10:32	17.8 11.8 12:04 32.74 21.17 20.30 30.90 11:59 9.42 15.50 12:24 9.7 13.4 12:42 15.0 Dry Dry Dry Dry	16.3 11.9 13:09 42.87 21.04 19.90 31.65 13:13 13.14 14.60 13:29 14.0 11.8 28.6 Dry Dry Dry Dry Dry Dry 13:46	11.5 14.10 13.30 14.20 13.90 12.34 14.80 •/	$ \begin{array}{c} 19.0\\ 11.4\\ 11.55\\ 18.8\\ 19.1\\ 19.1\\ 17.9\\ 17.9\\ 17.9\\ 13.7\\ 12.46\\ 19.7\\ 13.7\\ 12.46\\ 19.7\\ 12.46\\ 19.7\\ 12.7\\ 13.7\\ 1.2.7\\ 13.7\\ 1.2.7\\ 13.7\\ 1.2.$	SIGN POSTED	troke,
Note: Req'd <24" Phase V Hig Note: 80% cap. @ 36.5 <u>ft</u> Phase V Low Note: Req'd <24" External Po Note: Req'd <24" Underdrain Note: 1 &/sec = 15.85 gpm	Pump / XDCR #1 Pump / XDCR #2 th Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO) Volume Solution Collection XDCR #001 XDCR #002 Mage: Solution Collection Pump / XDCR #1-EXT (AUTO) Pump / XDCR #1-EXT (AUTO) Pump / XDCR #2-EXT (AUTO) Discharge Area South Underdrain (S U/D) 4" Pipe Discharge AG 01 Spring Pipe NPDES Discharge AG 1.5 -001A North Underdrain (N U/D) 24-inch Solid Pipe ch Monitor Well Pumpback System 35A	(in) (ft) (ft) (ft) (ft) (ft) (in) (in) (in) (gem) (gem) (gem) (gem)	16.7 11.0 15:27 29.46 19.13 28.34 18.96 15:29 10.08 16.80 14:40 13.5 17.1 14:56 14.0 Dry Dry Dry Dry Dry Dry 14:52 0.00	18.3 11.5 11:08 19.20 29.53 32.29 32.28 11:12 12.84 16.30 10:18 9.1 12.2 10:39 8.0 Dry Dry Dry Dry Dry Dry 0ry	17.8 11.8 12:04 32.74 21.17 20.30 30.90 11:59 9.42 15.50 12:24 9.7 13.4 12:42 15.0 Dry Dry Dry Dry Dry Dry	16.3 11.9 13:09 42.87 21.04 19.90 31.65 13:13 13.14 14.60 13:29 14.0 11.8 28.6 Dry Dry Dry Dry Dry Dry Dry 13:46 0.00	11.5 14.10 13.30 14.20 13.90 12.34 14.80 <b>***</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>*</b> <b></b>	$ \begin{array}{c} 19.0\\ 11.4\\ 11.55\\ 18.8\\ 19.1\\ 19.1\\ 17.9\\ 17.9\\ 17.9\\ 13.7\\ 13.$	SIGN POSTED	bieke,
Note: Reqid <24" Phase V Hig Note: 80% cap. @ 36.5 <u>ft</u> Phase V Low Note: Reqid <24" External Po Note: Reqid <24" Underdrain Note: 1 &/sec = 15.85 gpm <u>Arequa Gul</u>	Pump / XDCR #1 Pump / XDCR #2 th Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO) V Volume Solution Collection XDCR #001 XDCR #002 nd Low Volume Solution Collection Pump / XDCR #1-EXT (AUTO) Pump / XDCR #1-EXT (AUTO) Pump / XDCR #2-EXT (AUTO) Discharge Area South Underdrain (S U/D) 4" Pipe Discharge AG 01 Spring Pipe NPDES Discharge AG 1.5 -001A North Underdrain (N U/D) 24-inch Solid Pipe th Monitor Well Pumpback System 35A 638	(in) (ft) (ft) (ft) (ft) (in) (in) (in) (gem) (gem) (gem) (gem)	16.7 11.0 15:27 29.46 19.13 28.34 18.96 15:29 10.08 16.80 14:40 13.5 17.1 14:56 14.0 Dry Dry Dry Dry Dry Dry Dry 28.29	18.3 11.5 11:08 19.20 29.53 32.29 32.28 11:12 12.84 16.30 10:18 9.1 12.2 10:39 8.0 Dry Dry Dry Dry Dry Dry Dry Dry Dry 2.35.92	17.8 11.8 12:04 32.74 21.17 20.30 30.90 11:59 9.42 15.50 12:24 9.7 13.4 12:42 15.0 Dry Dry Dry Dry Dry Dry Dry	16.3 11.9 13:09 42.87 21.04 19.90 31.65 13:13 13.14 14.60 13:29 14.0 11.8 28.6 Dry Dry Dry Dry Dry Dry Dry Dry Dry 33:46 0.00 39.38	11.5 14.10 13.30 14.20 13.90 12.34 14.80 •/	$ \begin{array}{c} 19.0\\ 11.9\\ 11.55\\ 18.8\\ 18.1\\ 19.1\\ 17.9\\ 17.9\\ 17.9\\ 12.46\\ 19.7\\ 12.46\\ 19.7\\ 12.7\\ 13.7\\ 12.46\\ 19.7\\ 12.7\\ 13.7\\ 11.4\\ 12.27\\ 5.7,Flu DRT 12.7  12.12  13.7  12.12  13.7  12.27  28.20$	- NU MERSIN' F H	ts öke,
Note: Req'd <24" Phase V Hig Note: 80% cap. @ 36.5 <u>ft</u> Phase V Low Note: Req'd <24" External Po Note: Req'd <24" Underdrain Note: 1 &/sec = 15.85 gpm	Pump / XDCR #1 Pump / XDCR #2 th Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO) Volume Solution Collection XDCR #001 XDCR #002 Mage: Solution Collection Pump / XDCR #1-EXT (AUTO) Pump / XDCR #1-EXT (AUTO) Pump / XDCR #2-EXT (AUTO) Discharge Area South Underdrain (S U/D) 4" Pipe Discharge AG 01 Spring Pipe NPDES Discharge AG 1.5 -001A North Underdrain (N U/D) 24-inch Solid Pipe ch Monitor Well Pumpback System 35A 63B	(in) (ft) (ft) (ft) (ft) (ft) (in) (in) (in) (gem) (gem) (gem) (gem)	16.7 11.0 15:27 29.46 19.13 28.34 18.96 15:29 10.08 16.80 14:40 13.5 17.1 14:56 14.0 Dry Dry Dry Dry Dry Dry 14:52 0.00	18.3 11.5 11:08 19.20 29.53 32.29 32.28 11:12 12.84 16.30 10:18 9.1 12.2 10:39 8.0 Dry Dry Dry Dry Dry Dry 0ry 0.00	17.8 11.8 12:04 32.74 21.17 20.30 30.90 11:59 9.42 15.50 12:24 9.7 13.4 12:42 15.0 Dry Dry Dry Dry Dry Dry	16.3 11.9 13:09 42.87 21.04 19.90 31.65 13:13 13.14 14.60 13:29 14.0 11.8 28.6 Dry Dry Dry Dry Dry Dry Dry 13:46 0.00	11.5 14.10 13.30 14.20 13.90 12.34 14.80 <b>***</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>**</b> <b>*</b> <b></b>	$ \begin{array}{c} 19.0\\ 11.9\\ 11.55\\ 18.8\\ 18.1\\ 19.1\\ 17.9\\ 17.9\\ 17.9\\ 12.46\\ 19.7\\ 12.46\\ 19.7\\ 12.7\\ 13.7\\ 12.46\\ 19.7\\ 12.7\\ 13.7\\ 11.4\\ 12.27\\ 5.7,Flu DRT 12.7  12.12  13.7  12.12  13.7  12.27  28.20$	SIGN POSTED	ts öke,
Note: Reqid <24" Phase V Hig Note: 80% cap. @ 36.5 <u>ft</u> Phase V Low Note: Reqid <24" External Po Note: Reqid <24" Underdrain Note: 1 &/sec = 15.85 gpm Arequa Gul Data first collected by	Pump / XDCR #1 Pump / XDCR #2 th Volume Solution Collection XDCR #311 (AUTO) XDCR #312 (AUTO) XDCR #313 (AUTO) XDCR #314 (AUTO) Volume Solution Collection XDCR #001 XDCR #002 Mage: Solution Collection Pump / XDCR #1-EXT (AUTO) Pump / XDCR #1-EXT (AUTO) Pump / XDCR #2-EXT (AUTO) Discharge Area South Underdrain (S U/D) 4" Pipe Discharge AG 01 Spring Pipe NPDES Discharge AG 1.5 -001A North Underdrain (N U/D) 24-inch Solid Pipe ch Monitor Well Pumpback System 35A 63B	(in) (ft) (ft) (ft) (ft) (in) (in) (in) (gem) (gem) (gem) (gem) (gem)	16.7 11.0 15:27 29.46 19.13 28.34 18.96 15:29 10.08 16.80 14:40 13.5 17.1 14:56 14.0 Dry Dry Dry Dry Dry Dry Dry 28.29	18.3 11.5 19.20 29.53 32.29 32.28 11:12 12.84 16.30 10:18 9.1 12.2 10:39 8.0 Dry Dry Dry Dry Dry Dry Dry 0.00 35.92 0.00	17.8 11.8 12:04 32.74 21.17 20.30 30.90 11:59 9.42 15.50 12:24 9.7 13.4 12:42 15.0 Dry Dry Dry Dry Dry Dry Dry 0.00 36.98 0.0	16.3 11.9 13:09 42.87 21.04 19.90 31.65 13:13 13.14 14.60 13:29 14.0 11.8 28.6 Dry Dry Dry Dry Dry Dry Dry Dry Dry 33:46 0.00 39.38	11.5 14.10 13.30 14.20 13.90 12.34 14.80 	$ \begin{array}{c} 19.0\\ 11.9\\ 11.55\\ 18.8\\ 18.1\\ 19.1\\ 17.9\\ 17.9\\ 17.9\\ 12.46\\ 19.7\\ 12.46\\ 19.7\\ 12.7\\ 13.7\\ 12.46\\ 19.7\\ 12.7\\ 13.7\\ 11.4\\ 12.27\\ 5.7,Flu DRT 12.7  12.12  13.7  12.12  13.7  12.27  28.20$	- NU MERSIN' F H	tsicke,

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