

TURBIDITY MONITORING DATA SHEET

Gila National Forest - New Mexico

	Date (dd/mm/yr)	Date (dd/mm/yr)	Date (dd/mm/yr)	Date (dd/mm/yr)	Date (dd/mm/yr)	Date (dd/mm/yr)
	12/16/15	1/12/16	1/21/16	1/27/16	2/2/16	2/11/16
Stream Name:	Whitewater Creek	Whitewater Creek	Whitewater Creek	Whitewater Creek	Whitewater Creek	Whitewater Creek
Location:	@ Catwalk	@ Catwalk	@ Catwalk	@ Catwalk	@ Catwalk	@ Catwalk
Time:	11:05	11:15	10:05	1:05	13:00	15:45
Personnel:	CKOURT DM-YERS	CKOURT D.S. ILS S. Seitzinger	S. Seitzinger	S. Seitzinger D.S. ILS	Seitzinger	Seitzinger
Weather Conditions:	clear cold	Clear + cold	Clear Breezy	Clear windy	Partly Cloudy snow Cold	Clear warm
Air Temperature	35°F	40°F	45°F	50°F	35°F	72°F
Water Temperature	1.5°C	2°C	2°C	3°C	1.5°C	4.5°C
Stream Conditions:	clear ry	mildly Turbid	mildly Turbid	moderately Turbid	Moderate- Heavy Turbid	mildly Turbid
Downstream Reading -- 1000' below upper crossing (below construction activities):	2.31 NTU	6.9 NTU	7.46 NTU	32.8 NTU	76.6 NTU	11.3 NTU
Midway Reading -- @concrete girder bridge site (within construction activities):	2.53 NTU	16.8 NTU 1°C	Taken 100yds Below Due To construction 62.8 NTU 2°C	45.6 NTU 2.5°C	No Reading unsafe due to heavy equipment	10.2 4°C
Upstream Reading -- @ fiberglass footbridge site (above construction activities):	2.75 NTU 1°C-stream	No access No reading	No Access No Reading	No Access No Reading	↓	No Access No Reading
Streamflow Data (USGS gage):	CFS 8 temp Gage height 6.3	CFS 11 Gage height 6.36	CFS 18 (1/19/16) Gage Height 6.43 (1/16/16)	CFS 18 Gage Height 6.43 (1/16/16)	→	35 CFS Gage Height 7.02

Comments:

upstream reading on 12/16/15 was taken @ hanging walkway before crossing stream (N. side). No upstream of construction sample accessible. RHP isn't updated

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	2/19/16	2/24/16	3/3/16	3/10/16	3/18/16	3/24/16
Stream Name:	Whitewater Creek	Whitewater Creek	Whitewater Creek	Whitewater Creek	Whitewater Creek	Whitewater Creek
Location:	@ Catwalk	@ Catwalk	@ Catwalk	@ Catwalk	@ Catwalk	@ Catwalk
Time:	1100	12:15	12:07	1305	1300	1130
Personnel:	Koury Ybarra	Koury Ybarra	Koury	Ybarra Snayenbos	Koury Snayenbos	Koury Cordova
Weather Conditions:	overcast cool	Sunny clear	overcast	slight overcast	Sunny clear	Sunny clear
Air Temperature	55°F	49°F	75°F	72°F	70°F	
Water Temperature	6°C	5°C	7°C	10°C	10°C	6°C
Stream Conditions:	Mildly turbid runoff	runoff mildly turbid	runoff clear upstream turbid downstream	clear	mildly turbid	moderately turbid
Downstream Reading -- 1000' below upper crossing (below construction activities):	15.9 NTU	8.9 NTU	40.9 NTU	7.09	9.86 NTU	17.1 NTU
Midway Reading -- @concrete girder bridge site (within construction activities):	11.5 NTU	8.6 NTU	25.2 NTU	5.18 NTU	13.5 NTU	8.87
Upstream Reading -- @ fiberglass footbridge site (above construction activities):	Just above debris pile B-1 last boulder 11.1	fiberglass site 8.18 NTU 5°C	6.6 NTU 7°C	4.5 NTU 10°C	4.52	4.77 NTU
Streamflow Data (USGS gage):	23 cfs 6.42'	55 cfs 6.75' gage	57 CFS 6.77' gage	22 cfs	22 cfs	6 cfs

Comments:

gage height

height

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	Date (dd/mm/yr)	Date (dd/mm/yr)	Date (dd/mm/yr)	Date (dd/mm/yr)	Date (dd/mm/yr)	Date (dd/mm/yr)
	3/31/16	4/8/16	4/15	4/22/16	4/26/16	5/6/16
Stream Name:	Whitewater Creek	Whitewater Creek	Whitewater Creek	Whitewater Creek	Whitewater Creek	Whitewater Creek
Location:	@ Catwalk	@ Catwalk	@ Catwalk	@ Catwalk	@ Catwalk	@ Catwalk
Time:	0830	1345	1000	1330	1100	1030
Personnel:	C. Koury E. Snopcebos J. Ybarra	J. Ybarra E. Snopcebos	Koury Snopcebos	D. Myers	Ybarra Snopcebos	Koury
Weather Conditions:	clear skies	overcast showers	clear breezy	partly cloudy windy	mostly sun breezy	clear & sunny - very windy
Air Temperature	29°F		64°F	85°F	65-ish	65°F
Water Temperature	4°C	11°C	9°C	14°C	9°C	13°C
Stream Conditions:	mildly turbid	mildly turbid	mildly turbid	mildly turbid	mildly turbid	very turbid - chocolate brown breaking boulders upstream
Downstream Reading -- 1000' below upper crossing (below construction activities):	9.84 NTU	10.7	15.2 NTU	9.35 NTU	6.67	16.6 NTU
Midway Reading -- @ concrete girder bridge site (within construction activities):	23.2 NTU	9.06	6.65 NTU	32.2 NTU	12.2	32 NTU
Upstream Reading -- @ fiberglass footbridge site (above construction activities):	3.43 NTU	7.72	4.65 NTU	4.09 NTU	3.40	3.82 NTU
Streamflow Data (USGS gage):	32 cfs	14 cfs	20 cfs	21 cfs	31 cfs	52 cfs

Comments:

4/15 - working on trail/stream armoring just downstream of pedestrian 1. Channel is currently diverted away from trail & pump is running in hole

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	5/16/16	5/25/16	5/31/16	6/8/16	6/15/16	
Stream Name:	Whitewater Creek	Whitewater Creek	Whitewater Creek	Whitewater Creek	Whitewater Creek	Whitewater Creek
Location:	@ Catwalk	@ Catwalk	@ Catwalk	@ Catwalk	@ Catwalk	@ Catwalk
Time:	12:30	12:30	10:15	8:30	13:00	
Personnel:	Koury	Ybarra	Snapebos Smegut	Koury	Koury	
Weather Conditions:	Sunny clear windy	Sunny clear breezy	partly cloudy	clear sunny	clear sunny	
Air Temperature				66°	97°C	
Water Temperature	16°C	17°C	16°C	14°C	21°C	
Stream Conditions:	turbid clougy end	muddy	clear	clear	clear	
Downstream Reading -- 1000' below upper crossing (below construction activities):	55.8	20.7	2.92	2.42	2.83	
Midway Reading -- @concrete girder bridge site (within construction activities):	28.3	2.40	3.39 14C	1.97	1.77	
Upstream Reading -- @ fiberglass footbridge site (above construction activities):	2.78	2.31	3.16	2.23	2.04	
Streamflow Data (USGS gage):	118	32	35	40	28	

Comments:

5/16/16 - Deposition of fines noted in downstream reach