GWS-31 STATE OF COLOF 4/2012 1313 Sherma	S-31 STATE OF COLORADO, OFFICE OF THE STATE ENGINEER						
1. WELL PERMIT NUMBER: MH-511	1 866-3581 Fax (30	)3) 868-3589 w	ww.water.stat	e.co.us		MAR 2 6 2013	
2. WELL OWNER INFORMATION	78						
NAME OF WELL OWNER: Transit Mix of Pueblo						WATER RES	SINFER
MAILING ADDRESS: 444 E Costilla St.						COLO	)
CITY: Colorado Springs S	TATE: Colorado	)	ZIP CODE:	80903			
TELEPHONE NUMBER w/area code: 71	9-475-0700						
3. WELL LOCATION AS DRILLED: SW 1/4 DISTANCES FROM SEC. LINES: 1,922 SUBDIMISION	4, <u>NW</u> 1/4, ft. from [	Sec., <u>32</u>		Nors,	El Range 63		w
SUBDIVISION:			LOT	. BL		A FOR MAIVES	ecton line.
Optional GPS Location: GPS Unit must must be meters, Datum must be NAD83,	use the following Unit must be set	settinger Fo	mat must b	~ 1 TTAR	. Owner's V	Vell Designati	on <u>: MW-25</u>
STREET ADDRESS AT WELL LOCATIO	the second s				Northing:	-	
4. GROUND SURFACE ELEVATION 4.563			DRILLING	METHOD !	ollow stem au	lger	
DATE COMPLETED 12/01/2012	TOTAL DEPT	H 28	feet	DEPTH CC	MPLETED 26	.5 feet	
5. GEOLOGIC LOG:		1.	6. HOLE D	HAM (in.)	From	(批)	To (ft)
Depth Type Grain Siz	the second s	Water Loc.	<u>8 in</u>		_ 0	28	
GEOLOGIC LOG ATTACH			ļ <u> </u>				
					******		
			7. PLAIN (				
			OD (in)		Wall Size (in)	× *	To (ft)
			<u>2 in.</u>	PVC	0.154 in	0	16.5
			{			• ••••••••••••••••••••••••••••••••••••	· ····
			PERCOR				0.40 !
					NG: Screen SI 0.154 in		<u>0.10 in</u>
			- <u></u>		<u>v.154 m</u>	10.0	26.5
					<u></u>		· · · · · · · · · · · · · · · · · · ·
			8. FILTER	PACK:	9. PACKE	ER PLACEME	NT-
			Material		Type	nuitit tuur∑tuurtuu)∀15aa	JE 11 1 2.
			Size			<del>1/8</del>	
			Interval	12 - 26.5	ft Depth		
			10. GROU				49444
			1	Amount		nterval	Placement
Remarks:			concrete		*	<u>0-0.5 ft</u>	
			cuttings			0.5 - 1 ft	
			bentonite			1 - 12 ft	
11. DISINFECTION: Type	·	·····	Amt. Us	ed			
12. WELL TEST DATA: Check box if Tes	it Data is submitt	ed on Form N	umber GWS	S 39 Supple	mental Weil Te	st.	
				·····			·····
Static Levelft. Date/Time me	easured:		······	Production	Rate	gpm.	
	asured			Test Length	ı (hrs)	*	
Remarks; 13. I have read the statements made heroin on	d know the ments						
13. I have read the statements made herein an name entered if filing online) and certified in document that contains false statements is a v of the contracting license. If filing online the S Company Name:	accordance with i iolation of section tate Engineer con	kuie 17.4 of th - 77 of Hooman	e Water Wel	Constructio	on Rules, 2 CCR	402-2. The fill	ng of a
Company Name: Brierley Assoc	iates		Phone	e w/area co	de: [L	jcense Numb	<u>ule 17.4</u> er:
Mailing Address: 110 16th St., S		enver, (	1 30 CO 8020	<u>3-534-:</u> )2		····· • •···	
Sign (or enter name if filing online)		me and Title					
the y	Ale	xander	Vega, S	Staff E	Ingineer	0	Date 3/21/13

		RECEIVED MAR 2 6 2013
Borehole Geologic Log	Borchole No.	Well Name: WATER RESOURCE
	BA-11 OW	MW-25 COMPESS

Project: Transit Mix Location: Pueblo, CO Client: Transit Mix Contractor: Dakota Drilling Field Rep: Sean Bailey, Brierley Associates

.

.

Drill Rig: CME-55						
	Casing	Sampler				
Туре	HSA	SS				
Inner Diameter (in)	4.25	1 3/8				

Location: SW1/4 of NW1/4, Sec. 32, T20S, R63W, 6th PM

	Sample		
Depth	Depth	USCS	
(ft)	(ft)	Symbol	
0		CL	brown, LEAN CLAY, mostly f-clay, trace of sand, no odor, dry, low-mod
			plasticity, FINE ALLUVIUM
- 5		<u> </u>	
		CL	as above.
		SC	dark grav algebra CAND months from A
			dark gray, clayey SAND, mostly f-m sand, some f-clay, no odor, wet, COARSE ALLUVIUM
			READ VION
10		SC	as above
15		SC	as above, trace of f-gravel
20		SC	as above
		511-50	tan, well graded SAND w/ clay + gravel, mostly f-m sand, little to some c-sand, little to some f-c gravel, few fines, no odor, wet
		····	AND IN SUME TO BLANCH ICH HILLS, IN OGOT, WEI
25		SW-SC	
	26.5 - 28	BR	Driller indicated possible BR @ 26.5', very soft, dark gray, clayey SHALE,
			planar, fissile, no odor, dry to slt moist, med-highly plasticity, PIERRE
			SHALE

# Water Location: 7 ft

Note: Soil identifications based on visual-manual methods of the USCS system as practiced by Brierly Associates, LLC.

FORM NO. WELL CONSTRUCTION AND TEST REPORT GWS-31 STATE OF COLORADO, OFFICE OF THE STATE ENGINEER						For Offic RECEIVED			
4/2012	1313 Sherman SL, Ste 621, Denver, CO 80203								
Main (303).866-3581 Fax (303).866-3589 www.water.state.co.us  1. WELL PERMIT NUMBER: MH-51157							MAR 2 6 2013		
2 WELL PL	WNER INFORMAT	MH-51157				West control of		WATER DU	
	WELL OWNER: TR							WATTER RES STATE EN COL	NURCESS
1	DDRESS: 444 E C							Col	D
	orado Springs		: Colorado				-		
	E NUMBER W/area				ZIP CODE:	80903	_		
	ATION AS DRILLET			24	n. 20 m				
DISTANCE	ES FROM SEC. LINE	s: 2.551	ft from [	1 Nor 17 S	IWP <u>EU</u>	INOTS,	Kange 03	_ 122 E or	WB
SUBDIVISI	ION:							E OF KAIVY S	ection line.
Optional G	SPS Location: GPS	Unit must use t	he following	cettings' Cou	mat must h	-	_ Owner's W	ell Designati	on: MW-23
HINSLIDE BR	elers, Datum must b	e Nauss, unit	must be set	to true N, E	Zone 12	or D Zone	13 Easting:		
	DDRESS AT WELL					·····	Northing:	····	
	SURFACE ELEVATI		feet		DRILLING	METHOD <u>h</u>	ollow stem auc	ler	
5. GEOLOGIC	APLETED 11/29/20	<u>12 T(</u>	DTAL DEPTH	1 31,5	feet		MPLETED 30	feet	,
Depth						DIAM (in.)			To (ft)
GEOLOGIC			Color	Water Loc.	<u>8 in.</u>		0	31.	5
OLOLOGIC	100	ATTACHED	·····	<u> </u>	ļ <u> </u>		······		
						-			
				1	7. PLAIN				
	,				OD (in) 2 in.		Wall Size (in)		••
				1	<u> ~ "I.</u>	. <u>EVU</u>	0.154 in	<u>U</u>	20
						•			
								·······	
					PERFOR	ATED CASI	NG: Screen Slo	t Size (in):	0.10 in
							0.154 in		
						·	••••••••••••••••••••••••••••••••••••••	dittation and the second second second	
				<u> </u>		• ••••••••••••••••••••••••••••••••••••			· · · · · · · · · · · · · · · · · · ·
			<u></u>	<u> </u>		····			Mathibular, 2
	·····			1	8. FILTER			R PLACEME	NT:
				1	Material Size	sand	Туре	······	
				1	Interval	18 - 30 ft			
						TING RECO		· · · · · · · · · · · · · · · · · · ·	
					Material			erval	Placement
Remarks:					3		•	- 0.5 ft	L IQCENTENT
	-				cuttings			.5 - 1 ft	
ļ		4-174-14			bentonite			- 18 ft	And and the second s
11. DISINFEC	TION: Type	6			Amt. Us	ed		·······	
		DOX IT LEST Dat	a is submitte	d on Form N	umber GW	S 39 Supple	mental Well Test	t	
TESTING ME									
Pumping Leve	•	e/ ime measur	ed:			Production I	Rate	gpm.	
Remarks:		er inne measur	eu		I	Test Length	(hrs)	*	
13. I have read	the statements made	s herein and kno	w the conten	ts thereof, an	d they are to	ue to my kno	wiedge. This do	cument is ei	ned (or
	contains false staten ing license. If filing o			siders enterin	e, u.K.S., al g of licensed	no is punisha d contractor i	ible by fines up to name to be comp	) \$5000 and/( liance with R	ir revocation
Company Nan	<sup>ne:</sup> Brierley	Associat	es		Phone	e w/area coo 3 - 534 - 1	le: Lic	cense Numb	ər.
	s: 110 16th	The second s		nver, (	0 8020	)2	<u> </u>		
	name if filing online)		Print Nar	ne and Title			······	l r	late
all	y	<b></b>	Ale	xander	Vega,	Staff E	Ingineer		3/21/13

	MAR 2 6 2013
Borehole Geologic Log	Borehole No. Well Name BA-7 OW MW - 23

Project: Transit Mix Location: Pueblo, CO <u>Client:</u> Transit Mix <u>Contractor:</u> Dakota Drilling Field Rep: Sean Bailey, Brierley Associates

-

Drill Rig: CME-55	Drill	Rig:	CME-55
-------------------	-------	------	--------

	Casing	Sampler
Туре	HSA	SS
Inner Diameter (in)	4.25	1 3/8

Location: NW1/4 of SW1/4, Sec. 31, T20S, R63W, 6th PM

Depth (ft)	Sample Depth (ft)	USCS Symbol	Visual-Manual Identification & Description
0		CL	light-brown LEAN CLAY, mostly f-clay, trace f-sand, no odor, dry, low-
			moderate plasticity, FINE ALLUVIUM
5	5-6.5	CL	very stiff, light brown, LEAN CLAY, mostly f-clay, trace f-c sand, piece of
			c-gravel in nose of sampler, low-moderate plasticity, no odor, dry, FINE
			ALLUVIUM
10	10 - 11.5	SP	dense, brown, poorly graded SAND w/ gravel, mostly f-m sand, little-some f-c
			gravel, few c-sand, trace fines, no odor, wet, COARSE ALLUVIUM
15	15 - 16.5	SP	med. dense, light-brown, as above
00			
	20 - 21,5	SP	med. dense, as above, except few to little c-sand
25	25 - 26.5	SP	dense, as above
30	30 - 31.5		driller indicated possible BR @ 29.5', sampled @ 30',
			top 1", red-brown, highly weathered, Eco staining
<u>.</u>		l	bottom 4", very soft, fresh, dark gray, clayey SHALE

# Water Location: 6 ft

Note: Soil identifications based on visual-manual methods of the USCS system as practiced by Brierly Associates, LLC.

FORM NO.	Ň	ELL CONST	RUCTION	MO TEST	PEDART				
GWS-31	STATE C	OF COLORADO	OFFICE OI	F THE STAT	FENGINEE	R	For Office Use Only		
4/2012	1:	1313 Sherman St., Ste 821, Denver, CO 80203 Main (303) 866-3581 Fax (303) 866-3589 www.water.state.co.us						RECEIVED	
		Main (303) 895-	3087 Fax (302	3) 866-3589 w	ww.water.stat	e.co.us			
2 WELL PI	ERMIT NUMBER: WNER INFORMAT	MH-51158					_	MAR	<b>2 6</b> 2013
								WATER	~~2013
1	NAME OF WELL OWNER: Transit Mix of Pueblo						_	STATEE	ESOURCES NGNEER NO.
	ADDRESS: 444 E C							CÕ	LO
CITY: CO	orado Springs	STATE	: Colorado		ZIP CODE:	80903	7		
	E NUMBER w/area				*				
3. WELL LOC	ATION AS DRILLER	<u>): SE_1/4, N</u>	W_1/4, S	iec. 31	Twp 20	Nor S.	Range 63		W/ DE
DISTANCE	S FROM SEC. LINE	:S: <u>2,590</u>	ft_from 🖾	] Nor⊡S:	section line a	and 2 214	ft from 🗍	Enr	ortion line
SUBDIVIS	ION:				LOT	BLC			oonon 1116.
Optional C	GPS Location: GPS	Unit must use t	he following	spilinger En	mot must be	a itradi I fanta	_ Owner's V	Vell Designati	on: MW-24
must be m	eters, Datum must b	e NAD83, Unit	must be set i	to true N.	Zone 12 (		s Easting.		
	DDRESS AT WELL			• -					
	SURFACE ELEVATI	and the second se					Northing:		A
	APLETED 11/30/20						ollow stem au		
5. GEOLOGI			JIAL DEPT	1 20.0			MPLETED 25		
	Y			1			From (		To (ft)
	Туре	Grain Size	Color	Water Loc	<u>8 in.</u>		. 0	26.9	5
GEOLOGIC	LUG	ATTACHED		<u></u>					
	[								
	[				7. PLAIN C	CASING:		······································	
<u> </u>				<u> </u>	OD (in)	Kind	Wall Size (in)	From (ft)	To (ff)
					<u>2 in.</u>		0.154 in		15
									······································
								······································	
									••••••••••••••••••••••••••••••••••••••
					PERFOR	ATED CASI	NG: Screen Sk	nt Size (in)-	0.10 in
							0.154 in		
							<u>Q.19+0</u>		<u></u>
				1			<u> </u>		ф.
							······		<u></u>
				1	8. FILTER	DACV			\$ F
				1	Material			R PLACEME	NT:
				1	1	Ganu	Тура		*****
				1	Size	0 05 8			
				†	Interval	<u>2-25 ft</u>	Depth		
				<u>†</u>		TING RECO			
		l		1	7	Amount			Placement
Remarks:					<u>concrete</u>			<u>) - 0.5 ft</u>	
·		······································			cuttings		(	) <u>.5 - 1 ft</u>	
					bentonite		4	-2 ft	
11. DISINFEC	TION: Type				Amt Us	ed			
	ST DATA: Check	box if Test Dat	a is submitte	d on Form N	lumber GWS	S 39 Supplei	mental Well Te	st.	
TESTING ME									
Static Level_		e/Time measur	ed:			Production I	Rate	gom.	
Pumping Leve	∋ift. Dat	e/Time measur	ed			Test Length	(hrs)	<b>.</b>	
Remarks:									
13. I have read	the statements mad	e herein and kno	w the conten	its thereof, an	d they are tr	ue to my kno	wledge. This d	ocument is sig	ined (or
document that	contains taise staten	ceruneu in acco iente is a violati	nuance with H	(ULO 17,4 Of th 27,04,400/41	e Water Well	Constructio	n Rules, 2 CCR	402-2. The fili	ng of a
				siders enterin	g of licensed	contractor i	name to be com	no anovour and/o pliance with R	n revocation ule 17.4
Company Nar	ne: Brierley	Associat	es		Phone	e w/area cod	ie:	icense Numb	
				·····		3-534-1			
Mailing Addre			700, De	enver, (	CO 8020	)2			
Sign (or enter	name if filing online)	ļ	Print Nar	me and Title				T	)ate
HL	d'V		ALex	kander	Vega, S	Staff E	ngineer	[ Õ	3/21/13
	1								

- 1

RECEIVED

MAR 2 6 2013

		ATED
Borehole Geologic Log	Borehole No. Well Name	TATE ENGINEED
	BA-9 OW MW - 24	COLO

1

Project: Transit Mix Location: Pueblo, CO Client: Transit Mix Contractor: Dakota Drilling Field Rep: Sean Bailey, Brierley Associates

- 雅

Dr	ill Rig	:: CM	IE-55	

	Casing	Sampler
Туре	HSA	SS
Inner Diameter (in)	4.25	1 3/8

Location: SE1/4 of NW1/4, Sec. 31, T20S, R63W, 6th PM

Depth		USCS	
(ft) 0	(ft)	Symbol	
<u> </u>		CL	brown, LEAN CLAY, mostly f-clay, no odor, dry, low plasticity, FINE
		07.00	ALLUVIUM
		SP - SC	LEAN CLAY, grading to brown, poorly graded SAND w/ clay + gravel,
			some f-clay, little gravel, no odor, dry, COARSE ALLUVIUM
5	5-65	070	
	2-0-2	SP	loose, brown, poorly graded SAND, mostly f-m sand, trace c-sand, trace fines,
			no odor, wer, COARSE ALLUVIUM
10	10 - 11.5	SP	loose, dark-brown, as above, except trace of c-gravel
15	15 - 16.5	SP	med. dense, tan. as above, except some c-sand, few-little f-c gravel
20	20 - 21.5	SP	med-dense, light brown, as above
25	25 - 26.5	SP	Aanco oo ahaan ka- 551
			dense, as above, top 15"
{		UK	middle 1", SH, weathered sand, weathered, mottled, Eco stained
†			bottom 2", very soft to soft, fresh, dark-gray, clayey SHALE, fissile, planar, dry
1		i	to slt moist, mod-highly plastic clay, no odor, PIERRE SHALE

### Water Location: 5 ft

Note: Soil identifications based on visual-manual methods of the USCS system as practiced by Brierly Associates, LLC.