Application Part I*I*

Constituents in mg/l

API	Section	Township	Range	Formation	TDS	Chloride	Bicarbonate	Sulfate	CO2
3001501068	5	21S	27E	Artesia	10050	4050	9	2533	
3001501069	5	21S	27E	Artesia	11250	4553	936	2281	
3001501091	15	21S	27E	Artesia	11800	5250	336	2150	
3001502475	36	21S	28E	Atoka	50026	29200	762	1150	
3001502475	36	21S	28E	Atoka	31911	18000	1220	887	
3001538059	16	23S	29E	Avalon Upper	154164	92021	3660	0	1100
3001538059	16	23S	29E	Avalon Upper	154965	91118	1671	1502	70
3001503691	24	23S	29E	Bone Spring	271010	168800	130	100	
3001540502	2	21S	27E	Bone Spring 1	194059	113785	2318	0	450
3001541057	2	21S	27E	Bone Spring 1	195360	115827	2367	0	3
3001540829	2	21S	27E	Bone Spring 1	134953	83430	74	0	140
3001541057	2	21S	27E	Bone Spring 1	185973	114606	60	0	350
3001540502	2	21S	27E	Bone Spring 1	185384	110500	805	0	50
3001540829	2	21S	27E	Bone Spring 1	183551	110000	744	0	50
3001541057	2	21S	27E	Bone Spring 1	185576	110300	781	0	60
3001540693	3	21S	27E	Bone Spring 1	155191	97600	659	725	240
3001540693	3	21S	27E	Bone Spring 1	173978	108457	793	667	
3001540681	3	21S	27E	Bone Spring 1	190277	114751	634	0	260

EXHIBIT F

Constituents in mg/l

API	Section	Township	Range	Formation	TDS	Chloride	Bicarbonate	Sulfate	CO2
3001540682	3	21S	27E	Bone Spring 1	175293	110483	793	0	330
3001540707	3	21S	27E	Bone Spring 1	192124	113742	2200	0	4
3001540758	3	21S	27E	Bone Spring 1	190432	114235	1950	0	350
3001540683	3	21S	27E	Bone Spring 1	192472	114357	982	0	430
3001540693	3	21S	27E	Bone Spring 1	187795	111544	2318	0	5
3001540681	3	21S	27E	Bone Spring 1	186502	109900	744	0	60
3001540682	3	21S	27E	Bone Spring 1	183721	109500	756	0	50
3001540683	3	21S	27E	Bone Spring 1	185782	111000	793	0	60
3001540693	3	21S	27E	Bone Spring 1	179870	106500	720	0	60
3001540707	3	21S	27E	Bone Spring 1	186629	111000	817	0	50
3001540758	3	21S	27E	Bone Spring 1	185297	109500	708	0	50
3001541058	9	21S	27E	Bone Spring 1	195011	115854	2318	0	4
3001541059	9	21S	27E	Bone Spring 1	204728	120015	2427	0	4
3001541058	9	21S	27E	Bone Spring 1	178476	105464	952	0	60
3001541059	9	21S	27E	Bone Spring 1	192106	113193	976	1270	

EXHIBIT F

Constituents in mg/l

API	Section	Township	Range	Formation	TDS	Chloride	Bicarbonate	Sulfate	CO2
3001541059	9	21S	27E	Bone Spring 1	192037	113193	976	0	70
3001542084	13	21S	27E	Bone Spring 1	195134	113705	2403	0	5
3001542084	13	21S	27E	Bone Spring 1	129394	76901	1122	0	50
3001541148	16	23S	29E	Bone Spring 1	152943	92807	2306	0	400
3001541149	16	23S	29E	Bone Spring 1	153042	92918	2708	0	460
3001541150	16	23S	29E	Bone Spring 1	146425	84786	2660	0	420
3001540038	16	23S	29E	Bone Spring 1	153751	91697	952	755	60
3001540503	2	21S	27E	Bone Spring 2	214073	129855	671	0	360
3001540503	2	21S	27E	Bone Spring 2	209153	125000	769	0	60
3001541650	13	21S	27E	Bone Spring 2	210720	125168	183	0	4
3001541650	13	21S	27E	Bone Spring 2	191808	118330	159	0	40
3001541738	13	21S	27E	Bone Spring 2	217522	136229		799	
3001541240	33	23S	27E	Bone Spring 2	201244	121289	61	0	670
3001541240	33	23S	27E	Bone Spring 2	138167	78243	110	0	73
3001540372	13	21S	27E	Brushy Canyon	207014	127509	183	1724	300

EXHIBIT F

Constituents in mg/l

API	Section	Township	Range	Formation	TDS	Chloride	Bicarbonate	Sulfate	CO2
3001540372	13	21S	27E	Brushy Canyon	234863	142662	159	0	3
3001540522	13	21S	27E	Brushy Canyon	241476	144690	77	0	4
3001541134	13	21S	27E	Brushy Canyon	239079	144882	220	0	4
3001541135	13	21S	27E	Brushy Canyon	245935	147321	244	0	4
3001540372	13	21S	27E	Brushy Canyon	233134	142900	73	0	60
3001540522	13	21S	27E	Brushy Canyon	235338	146100	61	0	50
3001541134	13	21S	27E	Brushy Canyon	234428	143900	73	0	50
3001541135	13	21S	27E	Brushy Canyon	231444	146300	37	0	40
3001536078	16	23S	29E	Brushy Canyon	298475	182394	25	3	410
3001536078	16	23S	29E	Brushy Canyon	303155	183875	610	0	2000
3001536078	16	23S	29E	Brushy Canyon	273399	168200	85	454	440
3001536461	22	23S	29E	Brushy Canyon	297620	186000	188	0	300
3001536738	22	23S	29E	Brushy Canyon	288731	179021	122	0	300
3001535073	22	23S	29E	Brushy Canyon	108093				1430
3001536461	22	23S	29E	Brushy Canyon	302545	188800	37	0	420

EXHIBIT F

Constituents in mg/l

API	Section	Township	Range	Formation	TDS	Chloride	Bicarbonate	Sulfate	CO2
3001536738	22	23S	29E	Brushy Canyon	294876	181883	61	0	350
3001536461	22	23S	29E	Brushy Canyon	292358	184250	244	0	360
3001536738	22	23S	29E	Brushy Canyon	292239	183597	122	0	320
3001535073	22	23S	29E	Brushy Canyon	303550	187467	104	331	
3001537371	22	23S	29E	Brushy Canyon	279275	172189	183	177	250
3001540826	31	23S	29E	Brushy Canyon	297841	180802	85	0	2000
3001540827	31	23S	29E	Brushy Canyon	295110	181795	73	0	2000
3001541963	31	23S	29E	Brushy Canyon	296788	178388	73	0	2000
3001510817	5	21S	27E	Capitan	29392	18020	389	435	
3001510817	5	21S	27E	Capitan	27900	13600	588	3800	
3001510817	5	21S	27E	Capitan	27400	13200	630	3880	
3001510817	5	21S	27E	Capitan	28000	13800	626	3690	
3001510817	5	21S	27E	Capitan	28200	14000	636	3570	
3001510817	5	21S	27E	Capitan	28700	14800	646	3040	
3001524707	7	21S	28E	Delaware	153408	103522	719	248	
3001521715	35	21S	28E	Delaware	149252	99299	267	2082	
3001521853	35	21S	28E	Delaware	146197	96177	400	1764	
3001522229	35	21S	28E	Delaware	148805	99247	335	1729	
3001522671	35	21S	28E	Delaware	144959	95968	200	1883	
3001522673	35	21S	28E	Delaware	163756	110195	135	1662	
3001524968	35	21S	28E	Delaware	136419	89021	398	1682	
3001520204	10	22S	27E	Delaware	158000	96200	572	1400	

EXHIBIT F

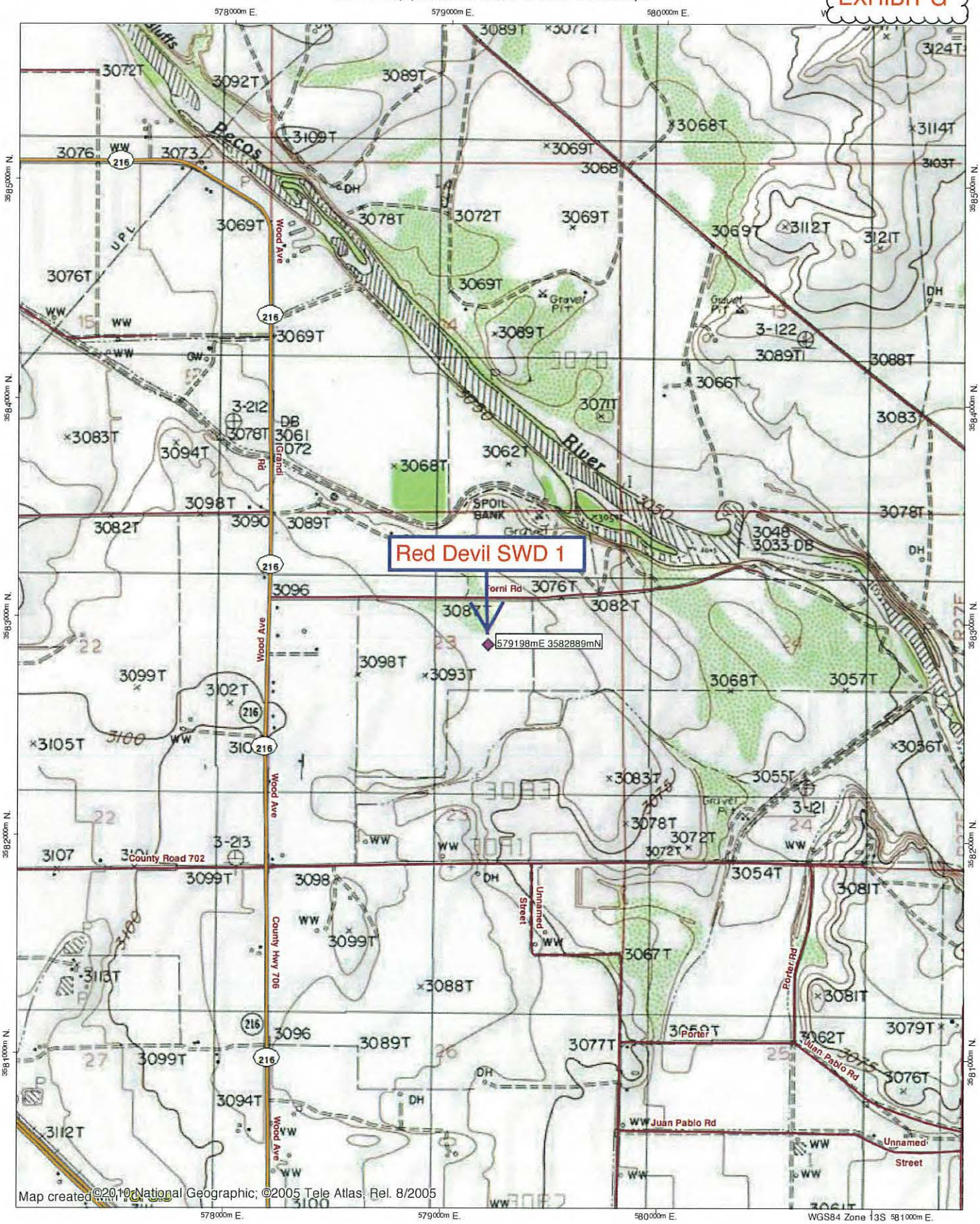
Constituents in mg/l

API	Section	Township	Range	Formation	TDS	Chloride	Bicarbonate	Sulfate	CO2
3001520204	10	22S	27E	Delaware	157000	95000	574	1400	
3001527528	3	22S	28E	Delaware	162875	109783	417	1672	
3001528736	3	22S	28E	Delaware	158759	107057	270	1465	
3001521959	7	22S	28E	Delaware	118293	69100	134	3800	
3001521959	7	22S	28E	Delaware	124945	73100	139	3900	
3001524933	10	22S	28E	Delaware	164679	112250	271	1107	
3001525303	10	22S	28E	Delaware	116788	74967	395	1622	
3001521618	18	22S	28E	Delaware	129878	77300	439	2600	
3001521619	18	22S	28E	Delaware	126911	74800	525	3300	
3001521766	18	22S	28E	Delaware	123893	74100	671	2000	
3001521765	18	22S	28E	Delaware	124756	74500	342	2200	
3001520918	18	22S	28E	Delaware	128431	76200	98	3200	
3001521504	19	22S	28E	Delaware	127652	76200	415	2600	
3001521504	19	22S	28E	Delaware	122782	73800	120	2100	
3001521844	19	22S	28E	Delaware	130991	78000	586	1800	
3001501114	12	23S	27E	Delaware	129765	79570	101	175	
3001503979	33	16S	30E	Devonian	63260	34400	1260	3600	
3001502475	36	21S	28E	Devonian	16223	7000	1030	2290	
3001502475	36	21S	28E	Devonian	19941	10700	640	1130	
3001503691	24	23S	29E	Devonian	64582	37500	610	1700	
3001503691	24	23S	29E	Devonian	56922	29000	1740	4980	
3001520157	30	22S	28E	Morrow	53480	32300	476	58	
3001522553	17	23S	29E	Morrow	62523	37600	142	810	
3001503979	33	16S	30E	Wolfcamp	13711	6990	162	1500	

EXHIBIT F

TOPO! map printed on 03/09/19 from "Untitled.tpo"

EXHIBIT G



WGS84 Zone 13S

NATIONAL GEOGRAPHIC

0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 miles

0.0 0.5 1.0 km

TN MN 7°

03/09/19

New Mexico Office of the State Engineer

EXHIBIT G

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04217 POD1		C	ED	1	1	2	23	22S	27E	579137	3583385	499	175	75	100
C 00231 A		CUB	ED	1	4	1	23	22S	27E	578666	3582951*	535	178	45	133
C 03063		CUB	ED	1	4	1	23	22S	27E	578666	3582951*	535	163	40	123
C 03514 POD1		C	ED	1	3	1	24	22S	27E	579923	3583010	735	59	31	28
C 01776		C	ED		3	1	23	22S	27E	578361	3582846*	838	157	40	117
C 01805		C	ED			3	23	22S	27E	578566	3582235*	909	125	98	27
C 01713		C	ED	3	1	3	23	22S	27E	578262	3582339*	1085	101	46	55
C 00971		C	ED		3	3	13	22S	27E	579981	3583679*	1112	60	18	42
C 04279		C	ED	3	3	3	14	22S	27E	578253	3583498	1124	200	35	165
C 00043		C	ED	3	3	3	14	22S	27E	578256	3583557*	1154	120		
C 01242		CUB	ED	1	3	3	23	22S	27E	578264	3582133*	1201	155	40	115
C 02587	R	C	ED		2	2	26	22S	27E	579630	3581720	1245	71	12	59
C 00279		C	ED		2	2	26	22S	27E	579583	3581647*	1300	160	48	112
C 00282		CUB	ED	3	2	2	26	22S	27E	579482	3581546*	1372	125	50	75
C 01677		C	ED		1	3	13	22S	27E	579979	3584084*	1427	56	20	36
C 03505 POD1		C	ED	3	2	2	26	22S	27E	579548	3581491	1440	80		
C 02499		C	ED		1	1	25	22S	27E	579989	3581653*	1467	100	35	65
C 00077		CUB	ED	1	1	1	26	22S	27E	578266	3581726*	1490	118	40	78
C 00251		C	ED		4	4	22	22S	27E	577959	3582027*	1509	84		
C 02881		C	ED		4	4	22	22S	27E	577959	3582027*	1509	60	39	21
C 02536		C	ED	4	1	1	25	22S	27E	580088	3581552*	1606	120	20	100
C 00532		C	ED	2	2	2	27	22S	27E	578060	3581720*	1631	90		
C 02903		C	ED	3	4	4	22	22S	27E	577858	3581926*	1650	57	40	17
C 00294		CUB	ED	3	3	4	24	22S	27E	580701	3581970*	1761	156	15	141
C 01590		C	ED		3	1	13	22S	27E	579977	3584489*	1779	100	40	60
C 00582		CUB	ED	1	3	1	14	22S	27E	578252	3584567*	1926	60		
C 02470 CLW198142	O		ED	4	3	4	24	22S	27E	580901	3581970*	1935	67	36	31
C 00836		C	ED	3	1	1	13	22S	27E	579874	3584794*	2021	175	52	123
C 01722		C	ED	3	1	1	13	22S	27E	579874	3584794*	2021	180	64	116
C 00627		C	ED			1	13	22S	27E	580178	3584690*	2050	100		

1 mile = 1610 m

C_00393		CUB	ED	3	1	3	25	22S	27E	579890	3580742*	2255	200	30	170
C_00393 CLW198205	O	CUB	ED	3	1	3	25	22S	27E	579890	3580742*	2255	193	37	156
C_00393 CLW198226	O	CUB	ED	3	1	3	25	22S	27E	579890	3580742*	2255	200	40	160
C_00393 CLW223748	O	CUB	ED	3	1	3	25	22S	27E	579890	3580742*	2255	200	30	170
C_00588		C	ED	2	2	1	27	22S	27E	577248	3581707*	2280	200		
C_00700		CUB	ED	3	3	2	15	22S	27E	577441	3584355*	2288	132		
C_00078		CUB	ED	3	1	3	26	22S	27E	578269	3580712*	2366	180		
C_01088		C	ED	3	3	3	12	22S	27E	579872	3585199*	2406	64	36	28
C_00467		C	ED		2	4	27	22S	27E	577964	3580807*	2420	200	74	126
C_00901		C	ED	1	2	1	27	22S	27E	577048	3581707*	2453	193	40	153
C_00562		C	ED	4	2	4	27	22S	27E	578063	3580706*	2460	150		
C_02242		CUB	ED	1	1	4	15	22S	27E	577186	3584336	2478	150	22	128
C_02512		C	ED		1	3	22	22S	27E	576740	3582415*	2503	68	38	30
C_02512 POD2		C	ED		1	3	22	22S	27E	576740	3582415*	2503	142	57	85
C_00572		CUB	ED	2	4	1	27	22S	27E	577250	3581301*	2513	98	90	8
C_03062		CUB	ED	3	2	4	27	22S	27E	577863	3580706*	2558	150	100	50
C_00576 S		CUB	ED	2	4	1	15	22S	27E	577235	3584550	2571	172	48	124
C_00410 CLW195750	O	CUB	ED	3	4	4	26	22S	27E	579486	3580329*	2576	209	41	168
C_00410		CUB	ED	4	4	3	26	22S	27E	578875	3580313*	2596	150	50	100
C_00436		C	ED		3	3	26	22S	27E	578371	3580407*	2616	88	48	40
C_00614		C	ED	3	1	3	22	22S	27E	576639	3582314*	2622	95	60	35
C_00009		CUB	ED	3	3	3	22	22S	27E	576641	3581908	2738	165	100	65
C_00152		C	ED	3	3	3	22	22S	27E	576641	3581908*	2738	151		
C_00825		CUB	ED	3	3	3	26	22S	27E	578270	3580306*	2744	132	68	64
C_02488		C	ED		4	4	27	22S	27E	577966	3580401*	2776	76	38	38
C_00770 CLW202385	O	CUB	ED	1	3	4	25	22S	27E	580705	3580551*	2781	210	22	188
C_00770 S		CUB	ED	1	3	4	25	22S	27E	580705	3580551*	2781	210		
C_02529		C	ED			3	12	22S	27E	580174	3585501*	2788	113	51	62
C_00613		C	ED	4	2	4	21	22S	27E	576434	3582309*	2824	100	60	40
C_00284		C	ED		2	1	15	22S	27E	577134	3584856*	2851	130	20	110
C_00209		C	ED	3	2	4	25	22S	27E	581111	3580763*	2859	125		
C_00744		CUB	ED	3	3	4	10	22S	27E	577437	3585166*	2878	175		
C_02259		C	ED		2	4	21	22S	27E	576335	3582410*	2902	60	45	15
C_02558		C	ED		2	4	21	22S	27E	576335	3582410*	2902	55	36	19
C_00150		CUB	ED	3	1	1	27	22S	27E	576643	3581501*	2907	80		
C_00150 A	O	CUB	ED	3	1	1	27	22S	27E	576643	3581501*	2907	147		
C_04027 POD1		CUB	ED	1	3	1	27	22S	27E	576704	3581378	2916	140	55	85
C_00212 CLW193845	O	CUB	ED	1	1	1	35	22S	27E	578271	3580099*	2939			
C_00531		CUB	ED	1	1	1	35	22S	27E	578271	3580099*	2939	150	87	63

EXHIBIT G

C 00770		CUB	ED	3	3	4	25	22S	27E	580705	3580351*	2951	200	44	156
C 03364 POD2		C	ED	4	3	4	27	22S	27E	577765	3580249	3003	250		
C 00587		C	ED	2	2	2	28	22S	27E	576438	3581696*	3006	130	84	46
C 03364 POD1	R	C	ED	4	3	4	27	22S	27E	577765	3580245	3007	107	50	57
C 00455		C	ED	2	2	2	34	22S	27E	578066	3580093*	3016	133		
C 00981		C	ED	2	2	2	34	22S	27E	578066	3580093*	3016	250	41	209
C 02458		CUB	ED	2	2	2	34	22S	27E	578066	3580093*	3016			
C 00642		C	ED				19	22S	28E	582220	3582687*	3028	200		
C 00095		CUB	ED	3	2	3	27	22S	27E	577052	3580694*	3069	157		
C 00095 CLW196524	O	CUB	ED	2	1	3	27	22S	27E	576847	3580888*	3087	157	112	45
C 00576		CUB	ED	3	1	1	15	22S	27E	576628	3584749*	3172	119	184	-65
C 00880		C	ED	4	2	2	34	22S	27E	578066	3579893*	3202	190		
C 00194		C	ED	1	4	3	27	22S	27E	577054	3580487*	3219	165	100	65

Average Depth to Water: **51 feet**

Minimum Depth: **12 feet**

Maximum Depth: **184 feet**

Record Count: 82

UTMNAD83 Radius Search (in meters):

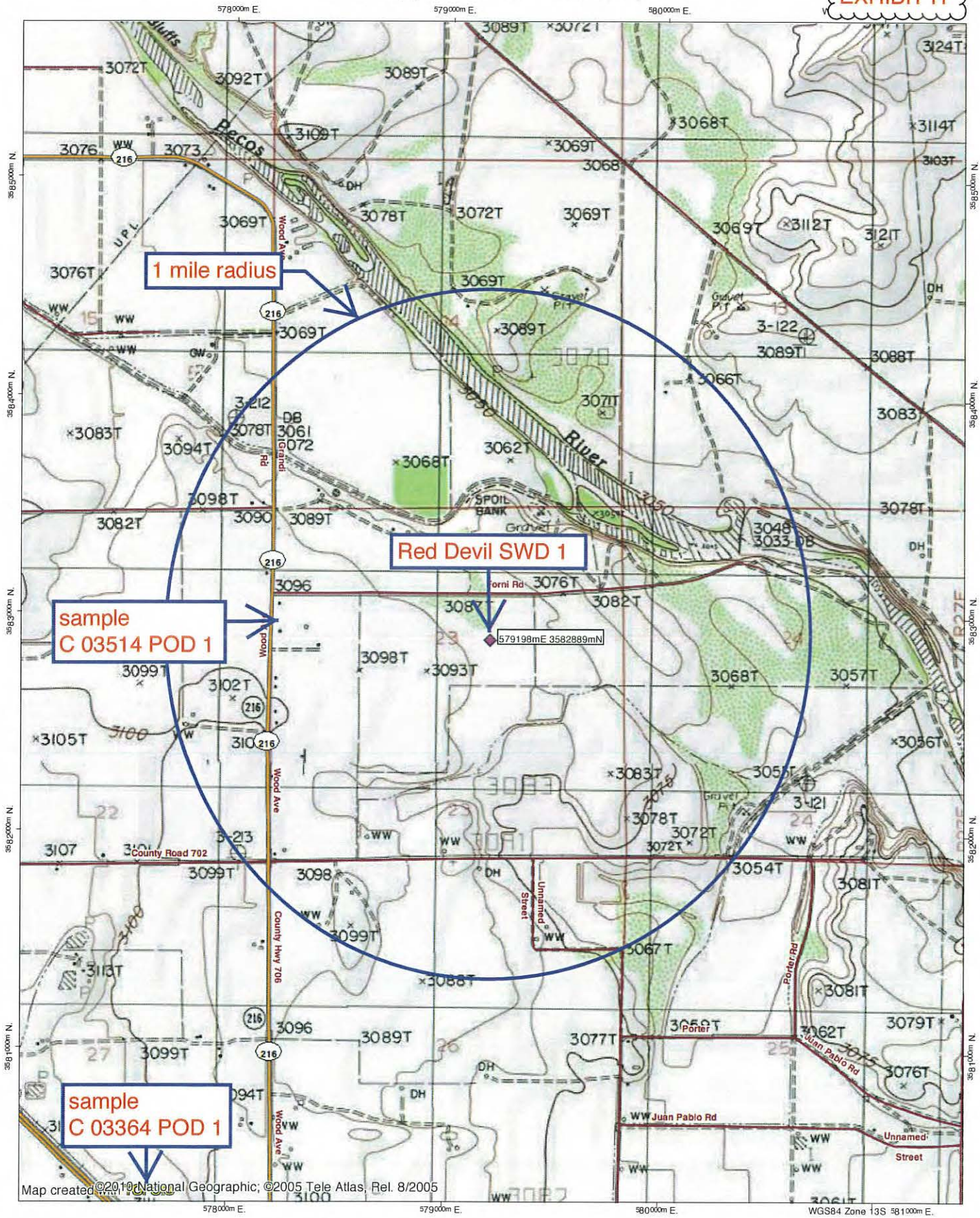
Easting (X): 579198 **Northing (Y):** 3582889 **Radius:** 3220

***UTM location was derived from PLSS - see Help**

EXHIBIT G

TOPO! map printed on 03/09/19 from "Untitled.tpo"

EXHIBIT H



Map created ©2019 National Geographic; ©2005 Tele Atlas, Rel. 8/2005

WGS84 Zone 13S

NATIONAL GEOGRAPHIC

0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 miles
0.0 0.5 1.0 km

TN MN 7°

03/09/19

EXHIBIT H

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Permits West
Project: PWS Red Devil SWD 1
Lab ID: 1906904-001 **Matrix:** AQUEOUS

Client Sample ID: Irene Balla-C03514-Pod1
Collection Date: 6/16/2019 9:45:00 AM
Received Date: 6/17/2019 4:15:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 1664B						Analyst: **KMN**	
N-Hexane Extractable Material	ND	9.88		mg/L	1	6/24/2019 8:18:00 AM	45753
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	1000	50	*	mg/L	100	6/30/2019 6:21:47 PM	R61062
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	4400	20.0	*	mg/L	1	6/25/2019 2:24:00 PM	45742

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

EXHIBIT H

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Permits West
Project: PWS Red Devil SWD 1
Lab ID: 1906904-002 **Matrix:** AQUEOUS

Client Sample ID: Jason Lowe-C03364-Pod1
Collection Date: 6/16/2019 2:50:00 PM
Received Date: 6/17/2019 4:15:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 1664B						Analyst: **KMN**	
N-Hexane Extractable Material	ND	9.50		mg/L	1	6/24/2019 8:18:00 AM	45753
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	2800	250	*	mg/L	500	6/30/2019 6:34:07 PM	R61062
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	8430	20.0	*	mg/L	1	6/25/2019 2:24:00 PM	45742

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

EXHIBIT H

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1906904**

02-Jul-19

Client: Permits West

Project: PWS Red Devil SWD 1

Sample ID: **MB-45753**	SampType: **MBLK**	TestCode: **EPA Method 1664B**
Client ID: **PBW**	Batch ID: **45753**	RunNo: **60895**
Prep Date: **6/24/2019**	Analysis Date: **6/24/2019**	SeqNo: **2061724** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
N-Hexane Extractable Material	ND	10.0								

Sample ID: **LCS-45753**	SampType: **LCS**	TestCode: **EPA Method 1664B**
Client ID: **LCSW**	Batch ID: **45753**	RunNo: **60895**
Prep Date: **6/24/2019**	Analysis Date: **6/24/2019**	SeqNo: **2061725** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
N-Hexane Extractable Material	32.6	10.0	40.00	0	81.5	78	114			

NOTES:

J - MB result was a little high due to sodium sulfate in the pan at the drying step; MB result is still under the PQL.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

EXHIBIT H

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1906904**

02-Jul-19

Client: Permits West

Project: PWS Red Devil SWD 1

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R61062**	RunNo: **61062**
Prep Date:	Analysis Date: **6/30/2019**	SeqNo: **2067935** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID: **LCS**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R61062**	RunNo: **61062**
Prep Date:	Analysis Date: **6/30/2019**	SeqNo: **2067936** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	93.7	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

EXHIBIT H

WO#: 1906904

02-Jul-19

Client: Permits West

Project: PWS Red Devil SWD 1

Sample ID: **MB-45742**	SampType: **MBLK**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **PBW**	Batch ID: **45742**	RunNo: **60915**
Prep Date: **6/21/2019**	Analysis Date: **6/25/2019**	SeqNo: **2062257** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: **LCS-45742**	SampType: **LCS**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **LCSW**	Batch ID: **45742**	RunNo: **60915**
Prep Date: **6/21/2019**	Analysis Date: **6/25/2019**	SeqNo: **2062258** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	103	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit