

**APPENDICES**

- A. Maps showing locations of piezometers.
- B. Method used to calculate infiltrated volume
- C. Piezometer sites and characteristics
- D. Groundwater level and salinity data
- E. Vegetation analysis: Methods and Results
- F. Repeat photography
- G. Birds and bird guild in the Colorado delta floodplain

## APPENDIX A

### Methods used to calculate infiltrated volume

Analysis of daily infiltrated volume by sector for the period of March 23 to April 2014 was performed to include deliveries from Morelos Dam because in April 13 deliveries from Km 27 begun, the two events must be separated in order to do not incur on calculation errors accounting that sectors are delimited by the discharge measurements sites. Study area extension from Sector 2 to 5, because Sector 1 and Sector 6 to 9 had water in the river channel before the Pulse Flow event and there is no sufficient or none data for two of the three methods analyzed in this report.

The calculation of each sector daily infiltrated volume was performed by three methods: 1) Total measure volume in each sector less volumetric outputs of the system by direct evaporation and evapotranspiration, 2) Multiplying the daily flooded area by estimated infiltration rates obtained by Green and Ampt (1911) method, and 3) multiplying the daily flooded area by the average vertical flux obtained by the proposed method by Hatch et al., (2006).

For calculated by last two methods dairy inundated area of river channel by sector was used, this area was calculated with water elevation records from river stage data collected during the pulse flow, with daily registers a water elevation raster was generated and inundated daily surface was generated subtracting the resulted raster to the LiDAR elevation raster. Inundated area was obtained inside the channel, meanders and terraces; not connected areas were deleted to avoid over estimation of inundation.

Channel area was determinate with a surrounding polygon with which the inundated area of the channel was discretized. Assumptions in the calculus of inundated area were: 1) a constant water elevation slope between river stages, 2) water elevation maintains the same for river channel, terraces and meanders, 3) not connected inundation areas were eliminated assuming this happen in the flow event, and 4) to create inundated surface decimal data were rounded to an integer value.

Infiltrated volumes in the river channel were obtained using infiltration rates resulting from Green and Ampt (1991) and Hatch et al., (2006) methods, because we have data only in the dry river channel infiltrated volume by using this two methods accounts only losses from the river channel the rest of the infiltrated volume in each sector is assumed to be losses in meanders and terraces.

Analysis of infiltrated volume in Sector 2 to 5 would provide detailed information about the infiltration process along the dry reach.

#### **Method 1. Daily discharge measurements.**

Daily discharge measurements were used to calculate total volume enter to each sectors (figure 1), the total infiltrated volume during the analysis period was obtained subtracting losses caused by direct evaporation and evapotranspiration from the total volume lost within the sector (formula 1).

## Formula 1

$$V_{total. Inf.} = (V_{in} - V_{out}) - VET - VEV$$

Donde:

$V_{total. Inf.}$  = Total infiltrated volume by sector ( $m^3$ )

$V_{in}$  = Volume entering to the sector ( $m^3$ )

$V_{out}$  = Volume out of the sector ( $m^3$ )

VET= Evapotranspirated volume

VEV= Direct evaporation volume

Assumptions and limitations:

1. Discharge remains constant all day
2. Evapotranspiration and direct evaporation are considered maximum values because of the methods used.
3. Equipment and measurements precisions in discharge measurements.

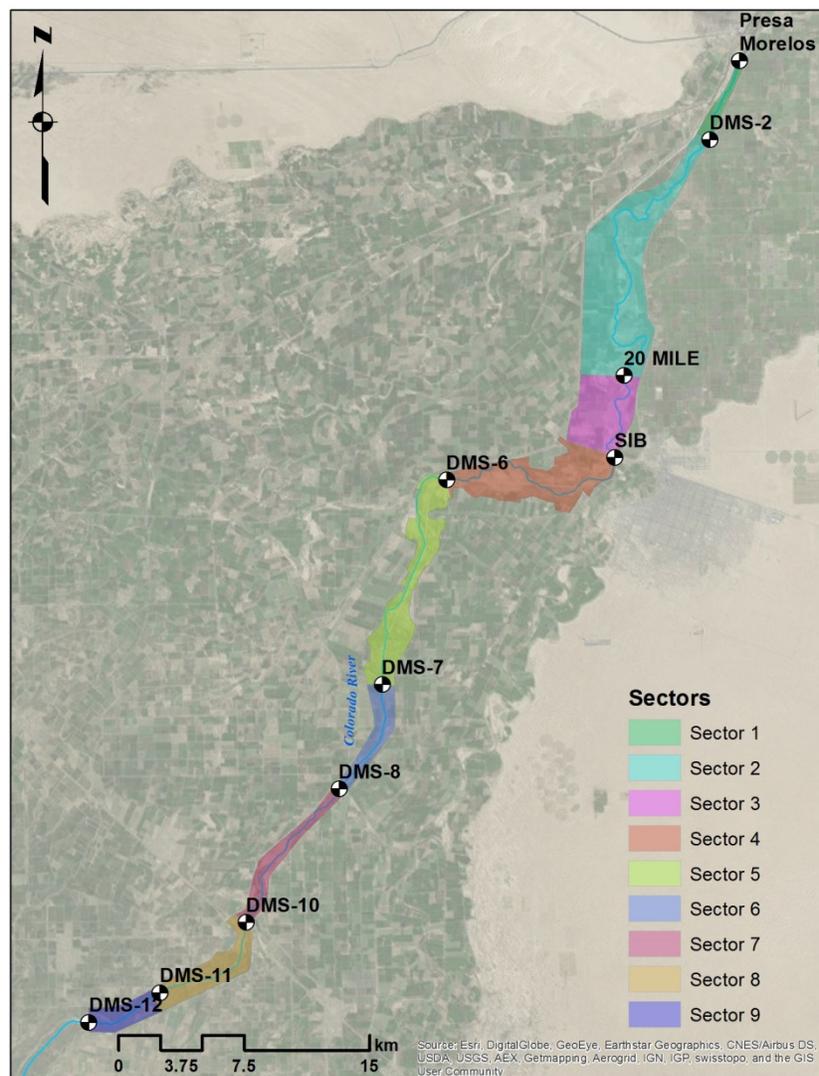


Figure 1. Defined sector by Discharge measurements sites (DMS).

## Method 2. Infiltrated volume calculated using infiltration rates resulting from Green and Ampt (1911) method.

Green and Ampt (1911) proposed an infiltration model for soils with homogeneous texture and uniform initial moisture content assuming a water content profile of piston type with a well-defined wetting front, known as Green-Ampt model. This model is based on the assumption of existence of an impregnation front with a constant potential while the wetting zone is impregnated uniformly with a constant hydraulic conductivity, form expressed mathematically:

### Formula 2

$$F_{(t)} = K_t + \psi \Delta \theta \ln \left( 1 + \frac{F_{(t)}}{\psi \Delta \theta} \right)$$

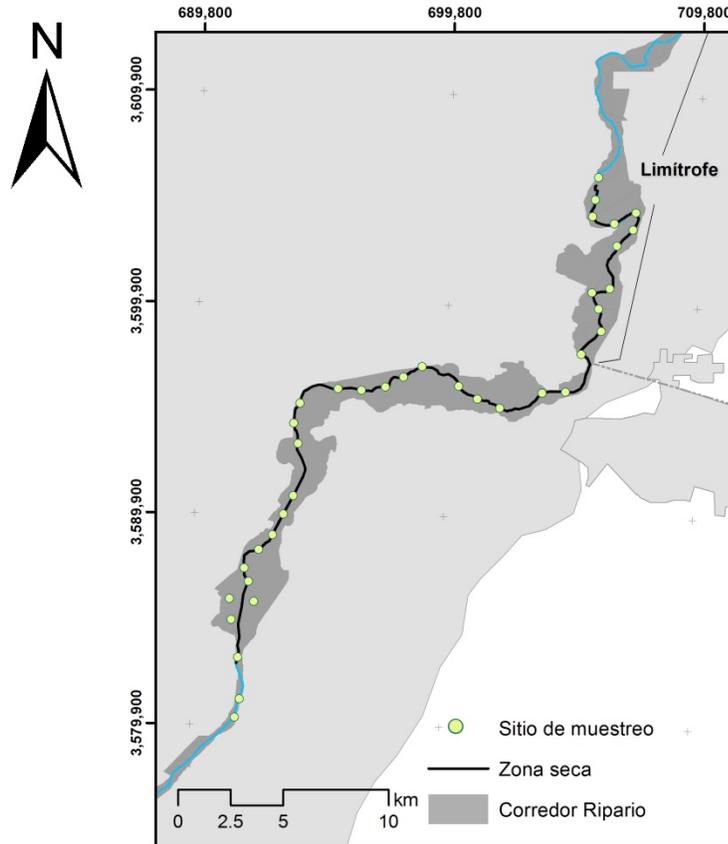
Where  $F_{(t)}$  accumulated infiltration,  $K$  (hydraulic conductivity, cm/h),  $t$  (time, h),  $\psi$  (potential wetting front suction, cm)  $\Delta \theta$  (moisture content change, %). To obtain the value of  $F_{(t)}$  a test value is substituted  $F_{(t)}$ , in the right part of the equation. Obtained  $F_{(t)}$  value is substituted again in  $F_{(t)}$  in the left part to obtain a new value  $F_{(t)}$ . The processes is repeated until  $F_{(t)}$  values converges to a constant.

With the purpose to apply this method, sediment samples were taken (figure 1) along the dry river channel, sediment analyses were performed according to ASTM 2007 and 1995 ((Alarcón-Gómez, 2015) to obtain sediment physical properties and grain size.

From sediment properties with the Green-Ampt method punctual infiltration rates were obtain within the river channel. Infiltrated volumes were determinate multiplying infiltration rates to inundated areas in the river channel, a value of infiltration rate for each sector remain constant during the analysis period.

Assumptions and limitations:

1. Infiltration rates remain constant and are a single value for each sector for all the analysis period.
2. It doesn't quantify losses by direct evaporation or evapotranspiration directly are assuming to be included in the inundation area indirectly.
3. Uniform initial moisture and constant hydraulic conductivity.
4. Humedad inicial uniforme y conductividad hidráulica constante



**Figure 2.** Sitios de recolección de muestras de sedimento del lecho del río (Rodríguez-Burgueño et al., 2015).

### **Method 2. Infiltrated volume calculated by vertical fluxes obtained with proposed method by Hatch et al., (2006).**

The use of heat as a tracer to determine fluid flux between groundwater and surface water has become a popular technique, with interest demonstrated through recent reviews by Anderson (2005), Constantz (2008), and Rau et al. (2014), and over 100 citations for each of the Stallman (1965), Hatch et al. (2006), and Keery et al. (2007) papers that outline methods to estimate water flow from temperature time series data (Irvine et al., 2014).

Analysis of temperature time series obtained each 2 minutes in the hydrologic monitoring of the pulse flow were performed with proposed methods by Hatch et al., (2006), Kerry et al., (2007), McCallum et al. (2012) y Luce et al., (2013); in VFLUX program (Gordon et al., 2012; Irvine et al., 2014). These methods are based on the analytical solution of the equation (formula 3) of heat transport proposed by Stallman (1955), using thermal properties of sediment and water. Solutions proposed in the methods consider information of the amplitude and/or phase angle changes in the diurnal signal between two temperature series at different depth of the riverbed in the main channel (figure 3), to estimate the vertical flow through the sediment column analyzed. Methods assume that thermal properties of sediment and water remain constant during all analyzed period of time.

$$\rho_m c_m \frac{\partial T}{\partial t} = \lambda_m \frac{\partial^2 T}{\partial z^2} - q \rho_w c_w \frac{\partial T}{\partial z},$$

Where:

m= denotes sediment-water system (matrix)

w= water, moving portion of the system

T= Temperature (°C)

t= time (s)

z=depth from riverbed (m)

q= Darcian flow velocity or filtration flow (ms<sup>-1</sup>)

ρ= density of the medium (water or matrix; kg m<sup>-3</sup>)

c= specific heat of the medium (water or matrix; J kg<sup>-1</sup> °C<sup>-1</sup>)

λ<sub>m</sub>= Thermal conductivity of sediment-water matrix (W m<sup>-1</sup> °C<sup>-1</sup>)

Estimation of vertical flux was calculated using VFLUX (Gordon et al., 2012; Irvine et al., 2014), in which first the movement of the daily heat wave (phase) and the ratio of the amplitude changes of the temperature signals are analyzed at each depth. VFLUX is a program in MATLAB language that synchronizes and resamples the temperature data obtained by sensors on the vertical profile. Isolates diurnal signal of each time series and extracts the amplitude and phase using the method of Dynamic Harmonic Regression (DHR, Young et al., 1999). With both parameters calculated vertical flows through the formulation of the solution presented by each method, which estimates the flow velocity in one dimension (vertical).

Thermal properties of the sediment and water were considered constant during the analysis period, sediment thermal properties were calculated using the results obtained in sediment analysis by Alarcón-Gómez (2015) using average porosity of the sediment (0.464) the bulk density was obtain (1.37) according to Wilson et al., (1994), using this value according to Lapham (1989) the thermal conductivity (0.00275) and volumetric heat capacity of the sediment (0.684375) were obtained, volumetric heat capacity of water was obtained from values reported on USGS (2003).

Vertical fluxes for each pair of sensor were calculated each two hours, fourth methods were analyzed using VFLUX; a daily average of the results for each site was performed to analyzed daily vertical infiltration rates over the period, from which was determinate that the method proposed by Hacth et al., (2006) represent results without anomalies. According to recent studies (Lautz, 2010; Roshan et al., 2012; Cuthbert y Mackay, 2013 in Irvine et al., 2014), is demonstrated that methods proposed by Hatch et al., (2006) work best for downwelling flow than for upwelling, in general, the equations using the ratio of the amplitudes of temperature signals are less prone to mistakes in equations than using phase shift between the time series (Irvine et al., 2014).

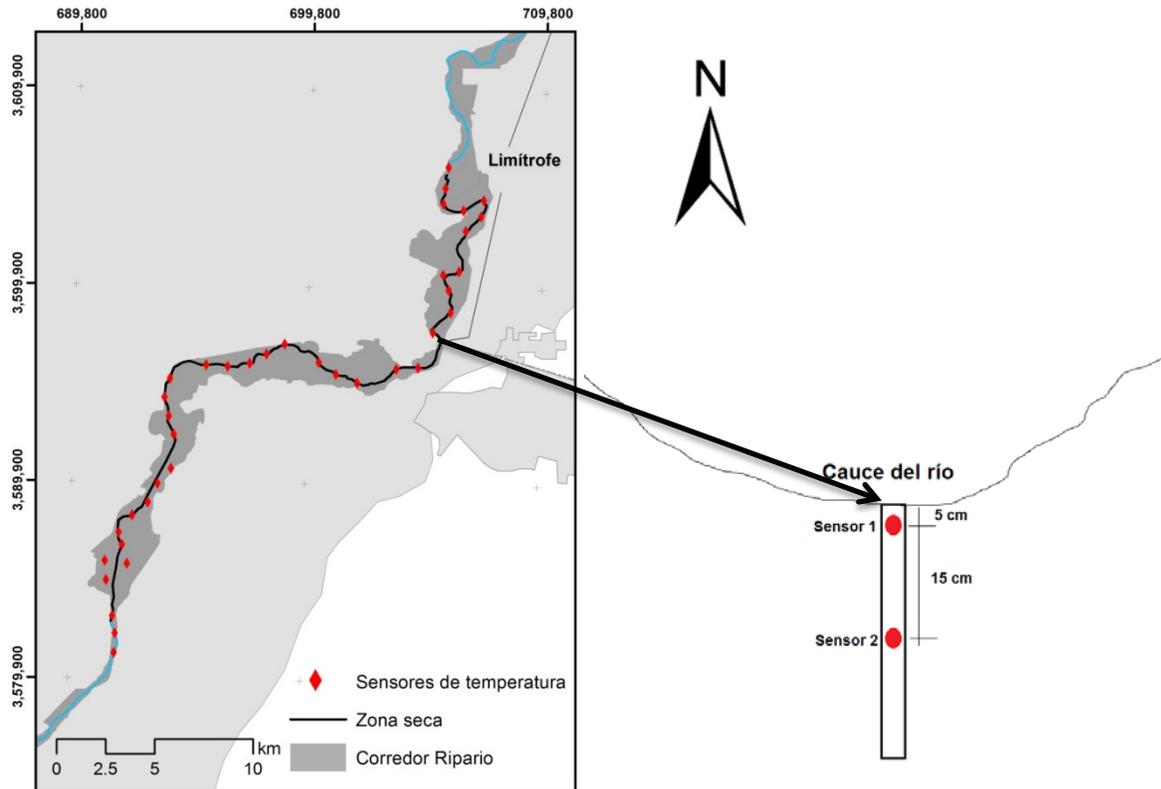


Figure 3. Location of temperature loggers and diagram of installation in the (Rodríguez-Burgueño, et al., 2015)

Results of daily average values of vertical infiltration flux proceeded to calculate the volume infiltrated by sector, they were required to sever the areas of sectors according to the location of temperature sensors analyzed, an analysis of the affected area by each sensor was conducted considering the channel sinuosity, width and shape to unify criteria (Figure 3).

In sector 2, in a larger polygon area no information is available about the infiltration rate, because this area had water before the pulse flow, for which the average value of the calculated data of the pair of sensors T2 was used (Figure 4). Next the percentage area of incidence of each site to multiply by the daily flood areas of each sector and to obtain the percentage of flooded area within the channel that corresponds to each sensor is calculated.

Obtained incidence area proceeded to calculate infiltrated volumes by the river channel at each site, multiplying the area of incidence of each sensor by average daily infiltration rates obtained by of Hatch et al., (2006) method. To quantify the total infiltrated volume by the river channel in each sector each volume obtained inside the sector was summed.

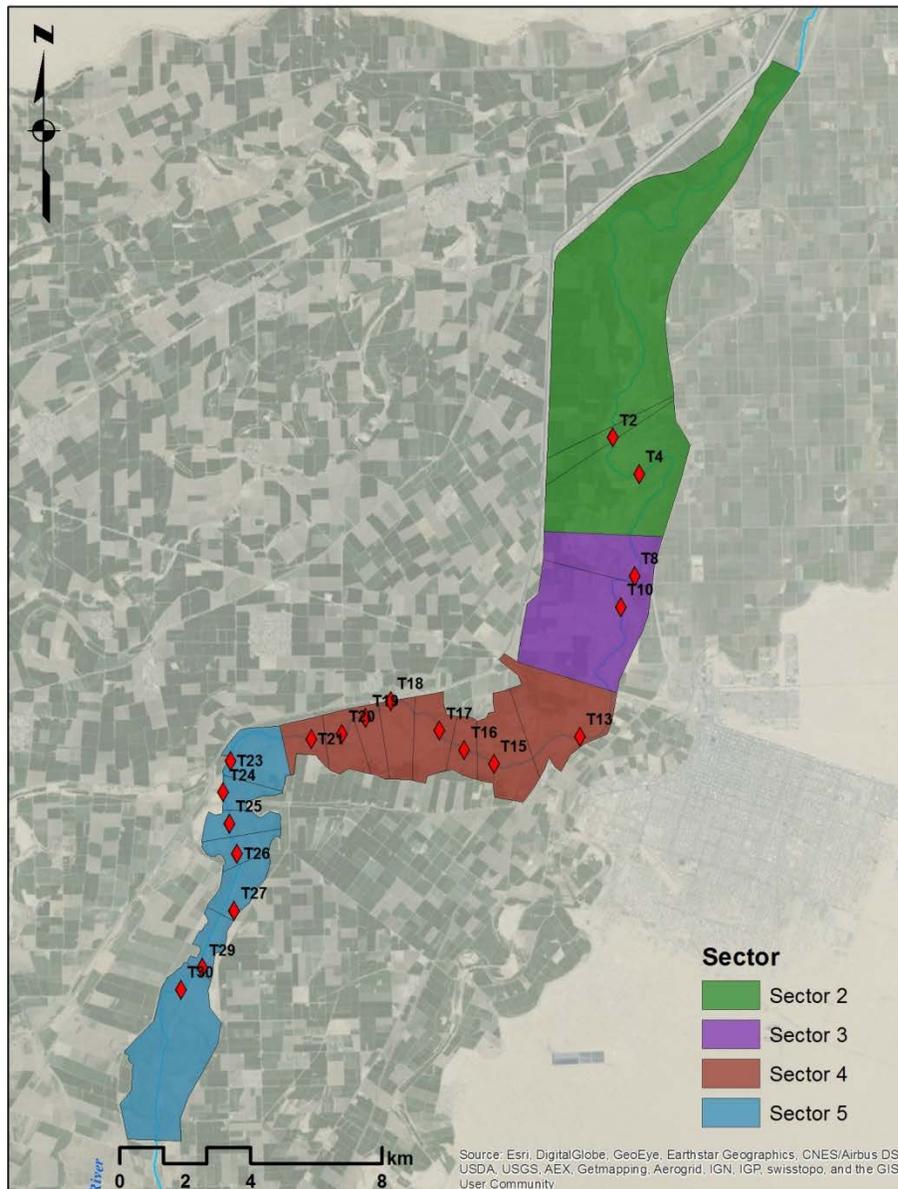


Figure 4. Sector segmentations according to analyzed temperature logger location.

Assumptions and limitations:

(Irvine et al., 2014)

1. Water flow is vertical and one-dimensional,
2. Temperature signal at the upper boundary is sinusoidal
3. There is no thermal gradient with depth in the streambed
4. There is thermal equilibrium between the pore water and the streambed materials
5. Streambed thermal and hydraulic properties are homogeneous.
6. Scour and sediment deposition are a very important process that may interfere with results.

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**APPENDIX B**

**Maps showing locations of piezometers**

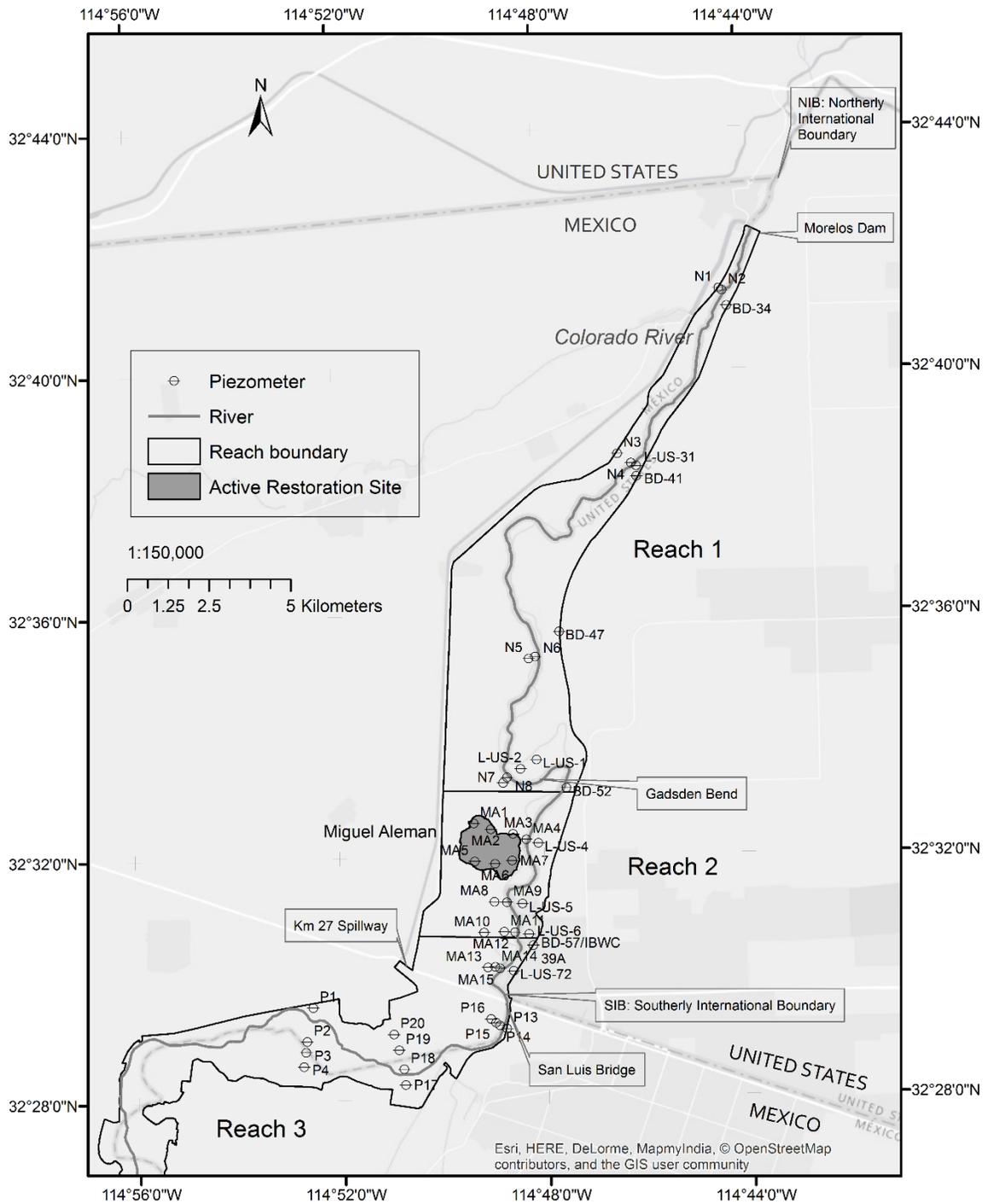
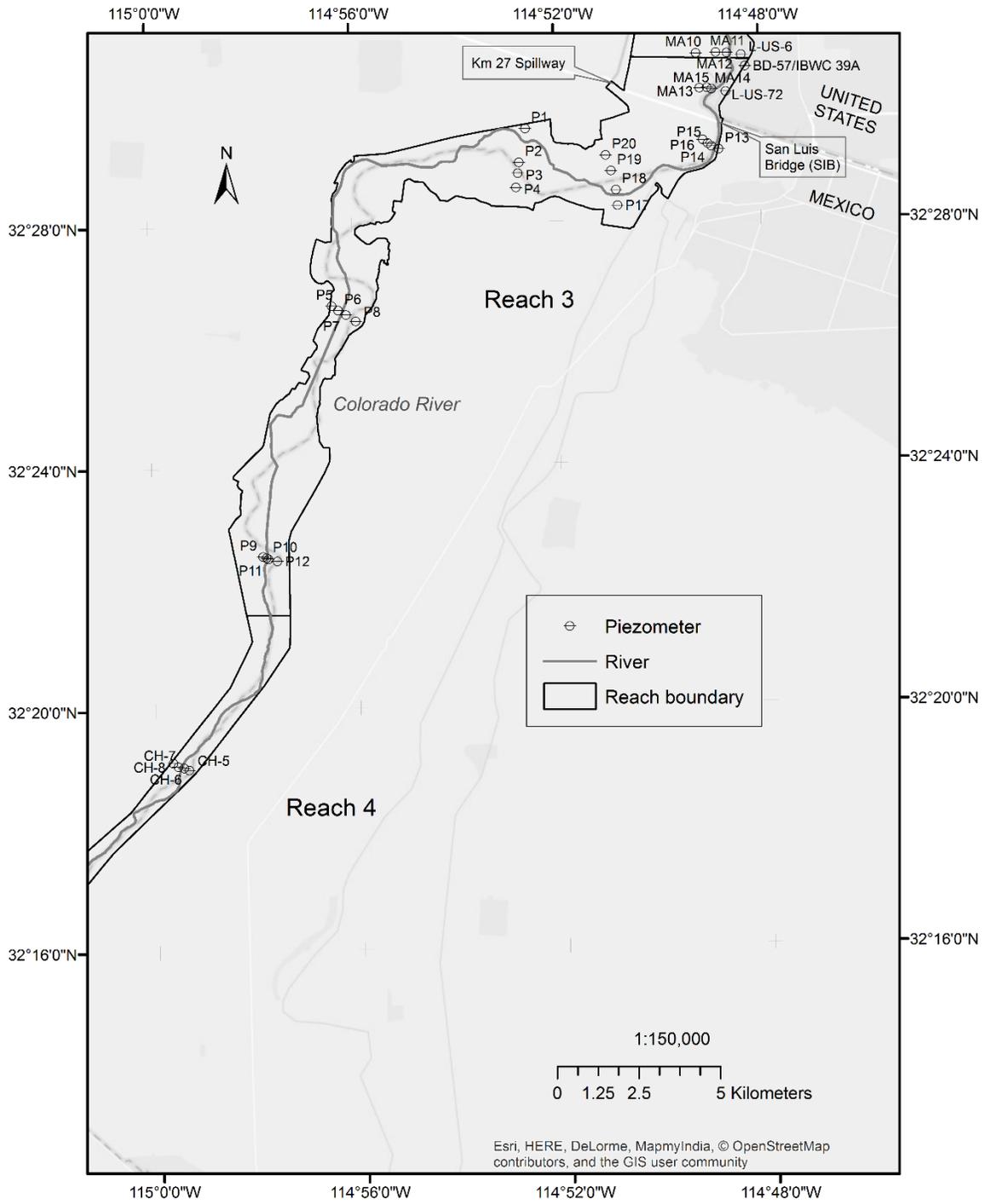


Figure A1. Piezometer locations in Reaches 1 and 2.



**Figure A2.** Piezometer locations in Reach 3.

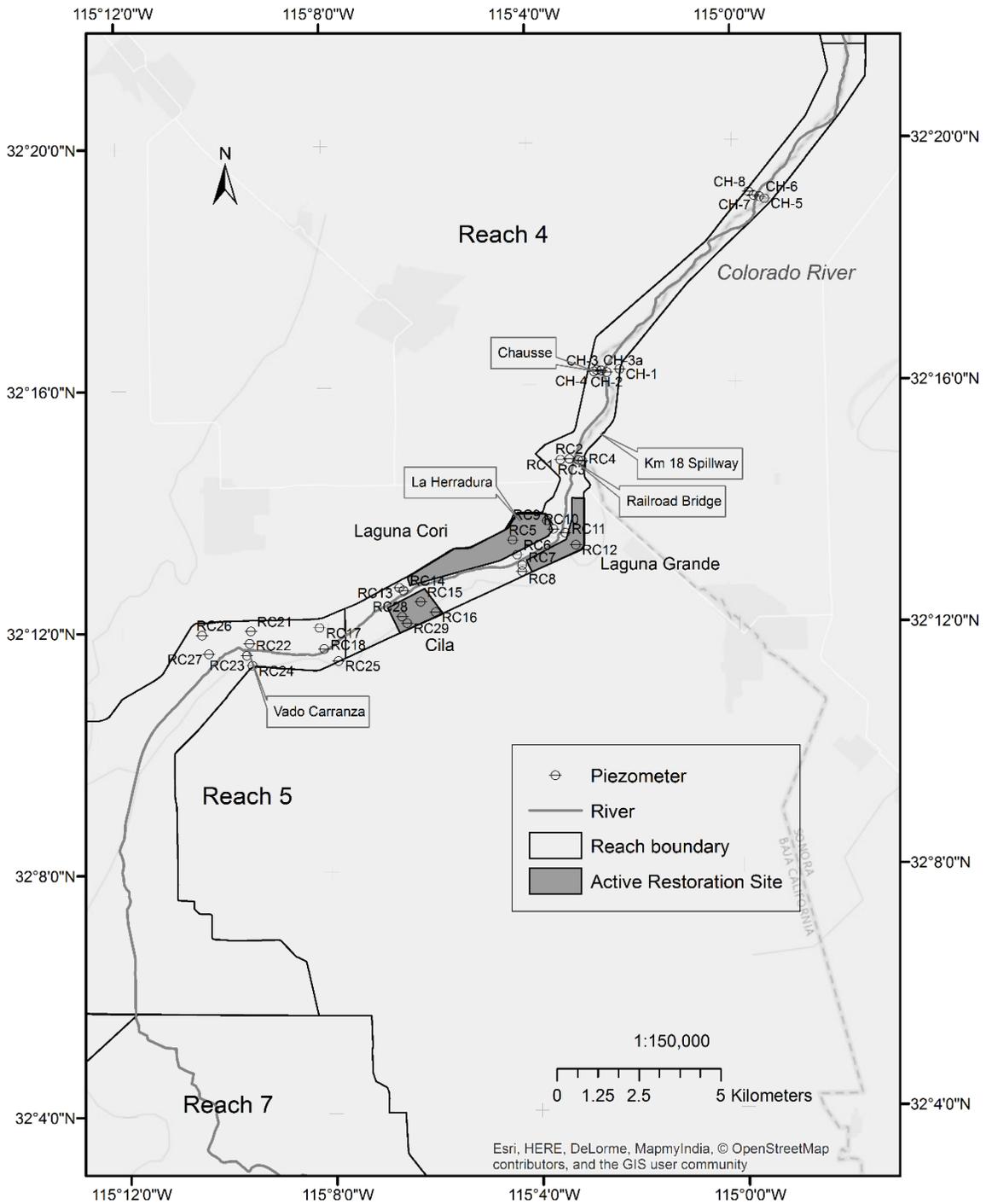
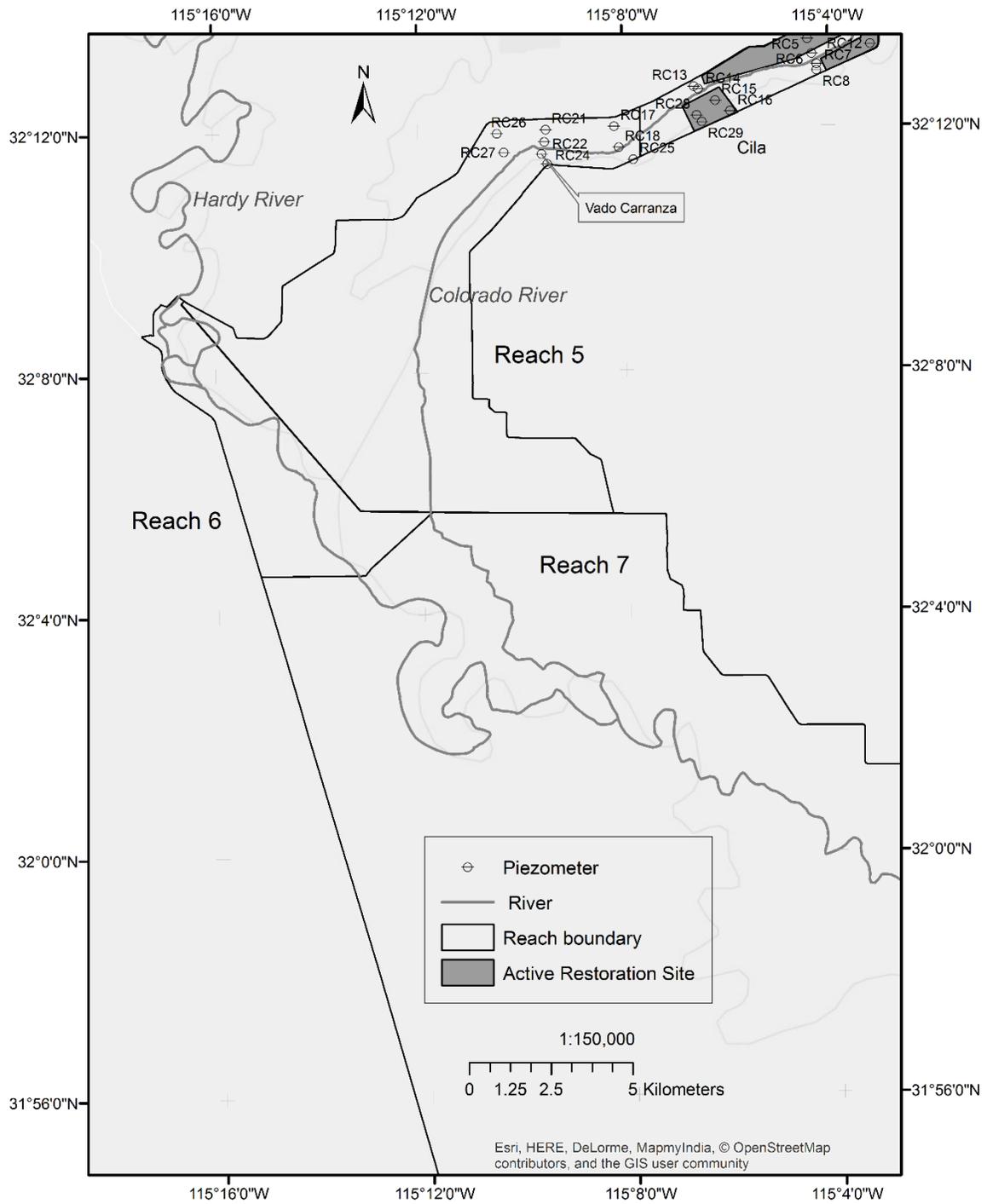


Figure A3. Piezometers location in Reach 4.



**Figure A4.** Piezometers location in Reaches 5, 6 and 7.

## Appendix C Piezometer sites and characteristics

Site Name*	Installation date	Location (X,Y)		Measuring point elevation (m)	Total depth	Screen depth	Dia-meter	Casing material	Transect (P = ST)	Owner
N1	2008	711916.57	3619048.46	37.0246	7.60	5.60	2"	PVC	P1-1	UABC
N2	2008	712019.67	3618978.44	35.5724	6.75	4.75	2"	PVC	P1-1	UABC
N3	2008	708826.44	3613971.88	34.9027	9.60	7.60	12"	STEEL	P1-2	UABC
N4	2008	709244.46	3613684.78	31.6607	4.23	2.23	2"	PVC	P1-2	UABC
N5	2008	706119.20	3607700.45	28.6365	5.05	3.05	2"	PVC	P1-3	UABC
N6	2008	706315.05	3607762.51	28.5665	2.25	1.25	2"	PVC	P1-3	UABC
N7	2008	705333.72	3603893.10	26.7671	8.18	6.18	2"	PVC	P1-4	UABC
N8	2008	705451.49	3604064.36	27.3174	8.63	6.63	2"	PVC	P1-4	UABC
MA1	2008/2014	704435.12	3602659.63	25.1570	9.42	7.42	2"	PVC	P2-1	UABC
MA2	2008	704957.63	3602481.52	22.8321	4.58	2.58	2"	PVC	P2-1	UABC
MA3	2008	705644.50	3602341.68	26.9841	8.05	6.05	2"	PVC	P2-1	UABC
MA4	2008	706047.70	3602172.90	23.1272	2.32	1.32	2"	PVC	P2-1	UABC
MA5	2008	704469.09	3601494.32	26.7313	9.62	7.62	2"	PVC	P2-2	UABC
MA6	2008	705093.87	3601423.91	26.1388	7.69	5.69	2"	PVC	P2-2	UABC
MA7	2008	705619.57	3601524.82	27.2236	8.88	6.88	2"	PVC	P2-2	UABC
MA8	2008	705074.99	3600266.92	26.2340	8.96	6.96	2"	PVC	P2-3	UABC
MA9	2008	705456.30	3600249.25	25.9605	8.48	6.48	2"	PVC	P2-3	UABC
MA10	2008	704756.38	3599321.82	25.4407	12.28	10.28	2"	PVC	P2-4	UABC
MA11	2008	705368.73	3599350.23	25.9018	10.56	8.56	2"	PVC	P2-4	UABC
MA12	2008	705706.58	3599335.20	25.4438	10.74	8.74	2"	PVC	P2-4	UABC
MA13	2008	704873.47	3598252.61	25.1451	10.57	8.57	2"	PVC	P3-1	UABC
MA14	2008	705100.68	3598266.69	25.3264	11.40	9.40	2"	PVC	P3-1	UABC
MA15	2008	705243.66	3598225.14	24.9875	10.70	8.70	2"	PVC	P3-1	UABC
P1	2010?	699537.00	3597004.95	22.0207	12.75	10.75	2"	PVC	P3-4	UABC
P2	2010?	699350.55	3595972.39	22.5514	13.77	11.77	2"	PVC	P3-4	UABC
P3	2010?	699319.37	3595638.77	23.3236	13.75	11.75	2"	PVC	P3-4	UABC
P4	2010?	699257.88	3595200.98	22.6946	11.50	9.50	2"	PVC	P3-4	UABC
P5	2010?	693616.99	3591553.95	20.5569	8.80	6.80	2"	PVC	P3-5	UABC
P6	2010?	693809.99	3591423.01	21.0167	8.11	6.11	2"	PVC	P3-5	UABC
P7	2010?	694054.97	3591288.98	20.3179	12.23	10.23	2"	PVC	P3-5	UABC

Site Name	Installation date	Location (X,Y)		Measuring point elevation (m)	Total depth (m)	Screen depth (m)	Dia-meter (inches)	Casing material	Transect	Owner
P9	2010?	691519.99	3583881.97	17.5176	8.46	6.46	2"	PVC	P3-6	UABC
P10	2010?	691628.04	3583838.00	15.4651	7.07	5.07	2"	PVC	P3-6	UABC
P11	2010?	691683.00	3583808.98	17.5632	9.48	7.48	2"	PVC	P3-6	UABC
P12	2010?	691954.97	3583742.96	16.1998	7.48	5.48	2"	PVC	P3-6	UABC
P13	2014	705461.33	3596385.65	28.5207	18.30	16.30	2"	PVC	P3-2	UABC
P14	2014	705244.14	3596478.12	24.7744	16.02	14.02	2"	PVC	P3-2	UABC
P15	2014	705124.88	3596559.24	25.0711	17.16	15.16	2"	PVC	P3-2	UABC
P16	2014	704973.24	3596675.51	25.3749	9.21	7.21	2"	PVC	P3-2	UABC
P17	2014	702370.24	3594659.43	24.1473	15.99	13.99	2"	PVC	P3-3	UABC
P18	2014	702318.12	3595136.73	24.0670	15.35	13.35	2"	PVC	P3-3	UABC
P19	2014	702165.98	3595718.95	25.6267	13.76	11.76	2"	PVC	P3-3	UABC
P20	2014	702005.86	3596199.75	24.6352	12.15	10.15	2"	PVC	P3-3	UABC
CH-1	2014	684838.96	3572126.01	18.1085	7.70	5.70	2"	PVC	P4-2	UABC
CH-2	2014	684449.23	3572028.11	16.8167	8.15	6.15	2"	PVC	P4-2	UABC
CH-3	2014	684277.25	3572082.35	15.4248	5.09	3.09	2"	PVC	P4-2	UABC
CH-3a	2014	684146.28	3572093.46	16.0335	7.32	5.32	2"	PVC	P4-2	UABC
CH-4	2014	684057.38	3572046.63	15.2694	7.01	5.01	2"	PVC	P4-2	UABC
CH-5	2014	689263.88	3577344.91	16.7112	7.00	5.00	2"	PVC	P4-1	UABC
CH-6	2014	689109.10	3577408.80	14.6858	7.39	5.39	2"	PVC	P4-1	UABC
CH-7	2014	688926.41	3577446.64	19.4759	9.65	7.65	2"	PVC	P4-1	UABC
CH-8	2014	688776.12	3577552.61	19.4179	8.78	6.78	2"	PVC	P4-1	UABC
RC1	2005	683035.64	3569351.85	15.4808	3.15	1.15	2"	PVC	P4-3	UABC
RC2	2005	683310.17	3569377.08	15.4029	5.98	3.98	2"	PVC	P4-3	UABC
RC3	2005	683579.99	3569341.01	16.0057	6.33	4.33	2"	PVC	P4-3	UABC
RC4	2005/2009/2014	683700.22	3569314.61	15.0758	4.59	2.59	2"	PVC	P4-3	UABC
RC5	2005/2014	681578.11	3566897.76	13.8523	7.50	5.50	2"	PVC	P4-5	UABC
RC6	2005	681714.15	3566445.20	13.9306	5.41	3.41	2"	PVC	P4-5	UABC
RC7	2005	681866.71	3566127.13	12.3784	2.75	1.75	2"	PVC	P4-5	UABC
RC8	2005	681864.87	3565940.37	13.8967	5.50	3.50	2"	PVC	P4-5	UABC
RC9	2005/2014	682625.86	3567489.88	14.4359	4.20	2.20	2"	PVC	P4-4	UABC
RC10	2005	682817.58	3567235.41	13.8001	5.14	3.14	2"	PVC	P4-4	UABC

Site Name	Installation date	Location		Measuring point elevation (m)	Total depth (m)	Screen depth (m)	Diameter (inches)	Casing material	Transect	Owner
RC11	2005	683183.89	3567117.63	14.6639	2.14	1.14	2"	PVC	P4-4	UABC
RC12	2005	683506.00	3566750.34	14.8880	5.81	3.81	2"	PVC	P4-4	UABC
RC13	2005	678111.16	3565428.64	11.9764	5.46	3.46	2"	PVC	P4-6	UABC
RC14	2005	678244.31	3565351.75	12.3258	6.04	4.04	2"	PVC	P4-6	UABC
RC15	2005	678768.33	3565005.57	12.4645	7.32	5.32	2"	PVC	P4-6	UABC
RC16	2005	679223.81	3564687.09	12.2299	7.92	5.92	2"	PVC	P4-6	UABC
RC17	2005	675678.30	3564205.24	11.7879	5.94	3.94	2"	PVC	P5-1	UABC
RC18	2005	675820.58	3563564.94	11.6994	2.45	1.45	2"	PVC	P5-1	UABC
RC21	2005	673577.32	3564097.58	11.1998	5.15	3.15	2"	PVC	P5-2	UABC
RC22	2005	673540.33	3563720.93	11.4588	5.15	3.15	2"	PVC	P5-2	UABC
RC23	2005	673457.02	3563355.51	10.8822	6.27	4.27	2"	PVC	P5-2	UABC
RC24	2005	673629.83	3563050.44	11.2211	6.90	4.90	2"	PVC	P5-2	UABC
RC25	2005/2014	676262.74	3563197.91	10.8447	5.08	3.08	2"	PVC	P5-1	UABC
RC26	2005	672087.70	3563968.70	11.3800	6.04	4.04	2"	PVC	P5-3	UABC
RC27	2005	672300.50	3563396.19	11.2801	6.96	4.96	2"	PVC	P5-3	UABC
RC28	2008	678201.55	3564551.17	12.0452	4.57	2.57	2"	PVC	P4-6	UABC
RC29	2008	678358.40	3564350.21	12.6882	6.90	4.90	2"	PVC	P4-6	UABC
L-US-1	2014	706363.35	3604615.95	28.073	7.92		0.75"	STEEL	P1-4	USGS
L-US-2	2014	705875.18	3604326.61	28.103	7.92		0.75"	STEEL	P1-4	USGS
L-US-3 <sup>1</sup>	2014	709406.48	3613602.69	30.066	6.40		0.75"	STEEL	P1-2	USGS
L-US-4	2014	706421.62	3602064.56	27.053	10.67		2"	PVC	P2-1	USGS
L-US-5	2014	705938.31	3600209.95	26.052	13.72		1"	PVC	P2-3	USGS
L-US-6	2014	706140.51	3599285.38	26.368	15.24		1"	PVC	P2-4	USGS
L-US-7 <sup>2</sup>	2014	705672.60	3598151.91	27.132	12.19		1"	PVC	P3-1	USGS
BD-34	2000	712159.45	3618505.77	37.744	10.67		1.25"		P1-1	USBR
BD-41	2007	709410.17	3613290.16	34.374	11.89		2"		P1-2	USBR
BD-47	1989	707054.58	3608533.49	33.373	7.62		1.25"		P1-3	USBR
BD-52	2000	707274.81	3603757.14	30.787	12.19		1.25"		P1-4	USBR
BD-57/IBWC 39A	2007	706267.01	3598933.61	29.847	16.46		2"		P3-1	USBR

## Appendix D. Groundwater and salinity data

19

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	CH-1	03/24/14	684838.9643	3572126.009	17.220
UABC	CH-1	04/01/14	684838.9643	3572126.009	17.220
UABC	CH-1	04/07/14	684838.9643	3572126.009	17.220
UABC	CH-1	04/15/14	684838.9643	3572126.009	17.220
UABC	CH-1	04/21/14	684838.9643	3572126.009	17.220
UABC	CH-1	04/28/14	684838.9643	3572126.009	17.220
UABC	CH-1	05/06/14	684838.9643	3572126.009	17.220
UABC	CH-1	05/20/14	684838.9643	3572126.009	17.220
UABC	CH-2	03/24/14	684449.2322	3572028.113	15.837
UABC	CH-2	04/02/14	684449.2322	3572028.113	15.820
UABC	CH-2	04/07/14	684449.2322	3572028.113	15.820
UABC	CH-2	04/15/14	684449.2322	3572028.113	15.820
UABC	CH-2	04/21/14	684449.2322	3572028.113	15.820
UABC	CH-2	04/28/14	684449.2322	3572028.113	15.820
UABC	CH-2	05/06/14	684449.2322	3572028.113	15.820
UABC	CH-2	05/20/14	684449.2322	3572028.113	15.820
UABC	CH-3	03/24/14	684277.2527	3572082.352	14.440
UABC	CH-3	04/01/14	684277.2527	3572082.352	14.440
UABC	CH-3	04/07/14	684277.2527	3572082.352	14.440
UABC	CH-3	04/15/14	684277.2527	3572082.352	14.440
UABC	CH-3	04/24/14	684277.2527	3572082.352	14.440
UABC	CH-3	05/22/14	684277.2527	3572082.352	14.440
UABC	CH-3		684277.2527	3572082.352	14.440
UABC	CH-3		684277.2527	3572082.352	14.440
UABC	CH-3a	03/24/14	684146.2837	3572093.465	14.910
UABC	CH-3a	04/01/14	684146.2837	3572093.465	14.910
UABC	CH-3a	04/07/14	684146.2837	3572093.465	14.910
UABC	CH-3a	04/15/14	684146.2837	3572093.465	14.910
UABC	CH-3a	04/24/14	684146.2837	3572093.465	14.910
UABC	CH-3a	05/22/14	684146.2837	3572093.465	14.910
UABC	CH-3a		684146.2837	3572093.465	14.910
UABC	CH-3a		684146.2837	3572093.465	14.910
UABC	CH-4	03/24/14	684057.3835	3572046.634	13.960
UABC	CH-4	04/01/14	684057.3835	3572046.634	13.960
UABC	CH-4	04/07/14	684057.3835	3572046.634	13.960
UABC	CH-4	04/15/14	684057.3835	3572046.634	13.960
UABC	CH-4	04/24/14	684057.3835	3572046.634	13.960
UABC	CH-4	05/22/14	684057.3835	3572046.634	13.960
UABC	CH-4		684057.3835	3572046.634	13.960
UABC	CH-4		684057.3835	3572046.634	13.960
UABC	CH-5	03/24/14	689263.8844	3577344.907	15.910
UABC	CH-5	04/02/14	689263.8844	3577344.907	15.910
UABC	CH-5	04/07/14	689263.8844	3577344.907	15.910

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	CH-5	04/21/14	689263.8844	3577344.907	15.910
UABC	CH-5	04/28/14	689263.8844	3577344.907	15.910
UABC	CH-5	05/06/14	689263.8844	3577344.907	15.910
UABC	CH-5	05/20/14	689263.8844	3577344.907	15.910
UABC	CH-6	03/24/14	689109.1028	3577408.804	14.170
UABC	CH-6	04/02/14	689109.1028	3577408.804	14.170
UABC	CH-6	04/07/14	689109.1028	3577408.804	14.170
UABC	CH-6	04/15/14	689109.1028	3577408.804	14.170
UABC	CH-6	04/21/14	689109.1028	3577408.804	14.170
UABC	CH-6	04/28/14	689109.1028	3577408.804	14.170
UABC	CH-6	05/06/14	689109.1028	3577408.804	14.170
UABC	CH-6	05/20/14	689109.1028	3577408.804	14.170
UABC	CH-7	03/24/14	688926.4077	3577446.64	18.610
UABC	CH-7	04/01/14	688926.4077	3577446.64	18.610
UABC	CH-7	04/07/14	688926.4077	3577446.64	18.610
UABC	CH-7	04/15/14	688926.4077	3577446.64	18.610
UABC	CH-7	04/23/14	688926.4077	3577446.64	18.610
UABC	CH-7	04/29/14	688926.4077	3577446.64	18.610
UABC	CH-7	05/08/14	688926.4077	3577446.64	18.610
UABC	CH-7	05/22/14	688926.4077	3577446.64	18.610
UABC	CH-8	03/24/14	688776.124	3577552.606	18.590
UABC	CH-8	04/01/14	688776.124	3577552.606	18.590
UABC	CH-8	04/07/14	688776.124	3577552.606	18.590
UABC	CH-8	04/15/14	688776.124	3577552.606	18.590
UABC	CH-8	04/23/14	688776.124	3577552.606	18.590
UABC	CH-8	04/29/14	688776.124	3577552.606	18.590
UABC	CH-8	05/08/14	688776.124	3577552.606	18.590
UABC	CH-8	05/22/14	688776.124	3577552.606	18.590
UABC	MA1	03/22/14	704435.115	3602659.632	24.240
UABC	MA1	03/31/14	704435.115	3602659.632	24.240
UABC	MA1	04/08/14	704435.115	3602659.632	24.240
UABC	MA1	04/14/14	704435.115	3602659.632	24.240
UABC	MA1	04/23/14	704435.115	3602659.632	24.240
UABC	MA1	04/28/14	704435.115	3602659.632	24.240
UABC	MA1	05/05/14	704435.115	3602659.632	24.240
UABC	MA1	05/19/14	704435.115	3602659.632	24.240
UABC	MA10	03/31/14	704756.376	3599321.82	24.610
UABC	MA10	04/08/14	704756.376	3599321.82	24.610
UABC	MA10	04/14/14	704756.376	3599321.82	24.610
UABC	MA10	04/22/14	704756.376	3599321.82	24.610
UABC	MA10	04/29/14	704756.376	3599321.82	24.610
UABC	MA10	05/19/14	704756.376	3599321.82	24.610
UABC	MA10		704756.376	3599321.82	24.610

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	MA10		704756.376	3599321.82	24.610
UABC	MA11	04/03/14	705368.7335	3599350.23	25.110
UABC	MA11	04/08/14	705368.7335	3599350.23	25.110
UABC	MA11	04/14/14	705368.7335	3599350.23	25.110
UABC	MA11	04/22/14	705368.7335	3599350.23	25.110
UABC	MA11	04/29/14	705368.7335	3599350.23	25.110
UABC	MA11	05/19/14	705368.7335	3599350.23	25.110
UABC	MA11		705368.7335	3599350.23	25.110
UABC	MA11		705368.7335	3599350.23	25.110
UABC	MA12	03/31/14	705706.5783	3599335.203	24.640
UABC	MA12	04/08/14	705706.5783	3599335.203	24.640
UABC	MA12	04/14/14	705706.5783	3599335.203	24.640
UABC	MA12	04/22/14	705706.5783	3599335.203	24.640
UABC	MA12	04/29/14	705706.5783	3599335.203	24.640
UABC	MA12	05/19/14	705706.5783	3599335.203	24.640
UABC	MA12		705706.5783	3599335.203	24.640
UABC	MA12		705706.5783	3599335.203	24.640
UABC	MA13	04/03/14	704873.4734	3598252.613	24.300
UABC	MA13	04/08/14	704873.4734	3598252.613	24.300
UABC	MA13	04/14/14	704873.4734	3598252.613	24.300
UABC	MA13	04/22/14	704873.4734	3598252.613	24.300
UABC	MA13	04/29/14	704873.4734	3598252.613	24.300
UABC	MA13	05/19/14	704873.4734	3598252.613	24.300
UABC	MA13		704873.4734	3598252.613	24.300
UABC	MA13		704873.4734	3598252.613	24.300
UABC	MA14	03/31/14	705100.6766	3598266.694	24.540
UABC	MA14	04/08/14	705100.6766	3598266.694	24.540
UABC	MA14	04/14/14	705100.6766	3598266.694	24.540
UABC	MA14	04/22/14	705100.6766	3598266.694	24.540
UABC	MA14	04/29/14	705100.6766	3598266.694	24.540
UABC	MA14	05/19/14	705100.6766	3598266.694	24.540
UABC	MA14		705100.6766	3598266.694	24.540
UABC	MA14		705100.6766	3598266.694	24.540
UABC	MA15	03/31/14	705243.6637	3598225.14	24.150
UABC	MA15	04/08/14	705243.6637	3598225.14	24.150
UABC	MA15	04/14/14	705243.6637	3598225.14	24.150
UABC	MA15	04/22/14	705243.6637	3598225.14	24.150
UABC	MA15	04/29/14	705243.6637	3598225.14	24.150
UABC	MA15	05/19/14	705243.6637	3598225.14	24.150
UABC	MA15		705243.6637	3598225.14	24.150
UABC	MA15		705243.6637	3598225.14	24.150
UABC	MA2	03/22/14	704957.6314	3602481.523	21.840

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	MA2	03/31/14	704957.6314	3602481.523	21.840
UABC	MA2	04/08/14	704957.6314	3602481.523	21.840
UABC	MA2	04/14/14	704957.6314	3602481.523	21.840
UABC	MA2	04/23/14	704957.6314	3602481.523	21.840
UABC	MA2	04/28/14	704957.6314	3602481.523	21.840
UABC	MA2	05/05/14	704957.6314	3602481.523	21.840
UABC	MA2	05/19/14	704957.6314	3602481.523	21.840
UABC	MA3	03/22/14	705644.4994	3602341.6766	26.150
UABC	MA3	03/31/14	705644.4994	3602341.6766	26.150
UABC	MA3	04/08/14	705644.4994	3602341.6766	26.150
UABC	MA3	04/14/14	705644.4994	3602341.6766	26.150
UABC	MA3	04/23/14	705644.4994	3602341.6766	26.150
UABC	MA3	04/28/14	705644.4994	3602341.6766	26.150
UABC	MA3	05/05/14	705644.4994	3602341.6766	26.150
UABC	MA3	05/19/14	705644.4994	3602341.6766	26.150
UABC	MA4	03/22/14	706047.6967	3602172.904	22.280
UABC	MA4	03/31/14	706047.6967	3602172.904	22.280
UABC	MA4	04/08/14	706047.6967	3602172.904	22.280
UABC	MA4	04/14/14	706047.6967	3602172.904	22.280
UABC	MA4	04/23/14	706047.6967	3602172.904	22.280
UABC	MA4	04/28/14	706047.6967	3602172.904	22.280
UABC	MA4	05/05/14	706047.6967	3602172.904	22.280
UABC	MA4	05/19/14	706047.6967	3602172.904	22.280
UABC	MA5	03/31/14	704469.0907	3601494.318	26.050
UABC	MA5	04/09/14	704469.0907	3601494.318	26.050
UABC	MA5	04/14/14	704469.0907	3601494.318	26.050
UABC	MA5	04/22/14	704469.0907	3601494.318	26.050
UABC	MA5	04/29/14	704469.0907	3601494.318	26.050
UABC	MA5	05/19/14	704469.0907	3601494.318	26.050
UABC	MA5		704469.0907	3601494.318	26.050
UABC	MA5		704469.0907	3601494.318	26.050
UABC	MA6	03/31/14	705093.8656	3601423.911	25.160
UABC	MA6	04/08/14	705093.8656	3601423.911	25.160
UABC	MA6	04/14/14	705093.8656	3601423.911	25.160
UABC	MA6	04/22/14	705093.8656	3601423.911	25.160
UABC	MA6	04/29/14	705093.8656	3601423.911	25.160
UABC	MA6	05/19/14	705093.8656	3601423.911	25.160
UABC	MA6		705093.8656	3601423.911	25.160
UABC	MA6		705093.8656	3601423.911	25.160
UABC	MA7	03/31/14	705619.5732	3601524.821	26.340

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	MA7	04/08/14	705619.5732	3601524.821	26.340
UABC	MA7	04/14/14	705619.5732	3601524.821	26.340
UABC	MA7	04/23/14	705619.5732	3601524.821	26.340
UABC	MA7	04/28/14	705619.5732	3601524.821	26.340
UABC	MA7	05/05/14	705619.5732	3601524.821	26.340
UABC	MA7	05/19/14	705619.5732	3601524.821	26.340
UABC	MA7		705619.5732	3601524.821	26.340
UABC	MA8	04/04/14	705074.9935	3600266.923	25.340
UABC	MA8	04/08/14	705074.9935	3600266.923	25.340
UABC	MA8	04/14/14	705074.9935	3600266.923	25.340
UABC	MA8	04/23/14	705074.9935	3600266.923	25.340
UABC	MA8	04/28/14	705074.9935	3600266.923	25.340
UABC	MA8	05/05/14	705074.9935	3600266.923	25.340
UABC	MA8	05/19/14	705074.9935	3600266.923	25.340
UABC	MA8		705074.9935	3600266.923	25.340
UABC	MA9	03/22/14	705456.301	3600249.25	25.230
UABC	MA9	03/31/14	705456.301	3600249.25	25.230
UABC	MA9	04/08/14	705456.301	3600249.25	25.230
UABC	MA9	04/14/14	705456.301	3600249.25	25.230
UABC	MA9	04/22/14	705456.301	3600249.25	25.230
UABC	MA9	04/29/14	705456.301	3600249.25	25.230
UABC	MA9	05/19/14	705456.301	3600249.25	25.230
UABC	MA9		705456.301	3600249.25	25.230
UABC	N1	03/20/14	711916.5724	3619048.462	36.210
UABC	N1	03/31/14	711916.5724	3619048.462	36.210
UABC	N1	04/08/14	711916.5724	3619048.462	36.210
UABC	N1	04/14/14	711916.5724	3619048.462	36.210
UABC	N1	04/22/14	711916.5724	3619048.462	36.210
UABC	N1	04/28/14	711916.5724	3619048.462	36.210
UABC	N1	05/05/14	711916.5724	3619048.462	36.210
UABC	N1	05/21/14	711916.5724	3619048.462	36.210
UABC	N2	03/20/14	712019.6682	3618978.438	34.850
UABC	N2	03/31/14	712019.6682	3618978.438	34.850
UABC	N2	04/08/14	712019.6682	3618978.438	34.850
UABC	N2	04/14/14	712019.6682	3618978.438	34.850
UABC	N2	04/22/14	712019.6682	3618978.438	34.850
UABC	N2	04/28/14	712019.6682	3618978.438	34.850
UABC	N2	05/05/14	712019.6682	3618978.438	34.850
UABC	N2	05/21/14	712019.6682	3618978.438	34.850
UABC	N3	03/20/14	708826.4415	3613971.881	33.030
UABC	N3	03/31/14	708826.4415	3613971.881	33.030
UABC	N3	04/08/14	708826.4415	3613971.881	33.030

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	N3	04/14/14	708826.4415	3613971.881	33.030
UABC	N3	04/22/14	708826.4415	3613971.881	33.030
UABC	N3	05/21/14	708826.4415	3613971.881	33.030
UABC	N3		708826.4415	3613971.881	33.030
UABC	N3		708826.4415	3613971.881	33.030
UABC	N4	03/20/14	709244.4583	3613684.78	30.690
UABC	N4	03/31/14	709244.4583	3613684.78	30.690
UABC	N4	04/08/14	709244.4583	3613684.78	30.690
UABC	N4	04/14/14	709244.4583	3613684.78	30.690
UABC	N4	04/22/14	709244.4583	3613684.78	30.690
UABC	N4	05/21/14	709244.4583	3613684.78	30.690
UABC	N4		709244.4583	3613684.78	30.690
UABC	N4		709244.4583	3613684.78	30.690
UABC	N5	03/31/14	706119.199	3607700.446	27.610
UABC	N5	04/08/14	706119.199	3607700.446	27.610
UABC	N5	04/14/14	706119.199	3607700.446	27.610
UABC	N5	04/22/14	706119.199	3607700.446	27.610
UABC	N5	04/28/14	706119.199	3607700.446	27.610
UABC	N5	05/05/14	706119.199	3607700.446	27.610
UABC	N5	05/21/14	706119.199	3607700.446	27.610
UABC	N5		706119.199	3607700.446	27.610
UABC	N6	03/31/14	706315.0483	3607762.512	27.640
UABC	N6	04/08/14	706315.0483	3607762.512	27.640
UABC	N6	04/14/14	706315.0483	3607762.512	27.640
UABC	N6	04/22/14	706315.0483	3607762.512	27.640
UABC	N6	04/28/14	706315.0483	3607762.512	27.640
UABC	N6	05/05/14	706315.0483	3607762.512	27.640
UABC	N6	05/21/14	706315.0483	3607762.512	27.640
UABC	N6		706315.0483	3607762.512	27.640
UABC	N7	03/20/14	705333.716	3603893.099	25.960
UABC	N7	03/31/14	705333.716	3603893.099	25.960
UABC	N7	04/08/14	705333.716	3603893.099	25.960
UABC	N7	04/14/14	705333.716	3603893.099	25.960
UABC	N7	04/22/14	705333.716	3603893.099	25.960
UABC	N7	04/28/14	705333.716	3603893.099	25.960
UABC	N7	05/05/14	705333.716	3603893.099	25.960
UABC	N7	05/21/14	705333.716	3603893.099	25.960
UABC	N8	03/22/14	705451.4871	3604064.36	26.620
UABC	N8	03/31/14	705451.4871	3604064.36	26.620

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	N8	04/08/14	705451.4871	3604064.36	26.620
UABC	N8	04/14/14	705451.4871	3604064.36	26.620
UABC	N8	04/22/14	705451.4871	3604064.36	26.620
UABC	N8	04/28/14	705451.4871	3604064.36	26.620
UABC	N8	05/05/14	705451.4871	3604064.36	26.620
UABC	N8	05/21/14	705451.4871	3604064.36	26.620
UABC	P1	03/23/14	699536.9981	3597004.95	21.650
UABC	P1	03/31/14	699536.9981	3597004.95	21.650
UABC	P1	04/08/14	699536.9981	3597004.95	21.650
UABC	P1	04/15/14	699536.9981	3597004.95	21.650
UABC	P1	04/21/14	699536.9981	3597004.95	21.650
UABC	P1	04/29/14	699536.9981	3597004.95	21.650
UABC	P1	05/08/14	699536.9981	3597004.95	21.650
UABC	P1	05/21/14	699536.9981	3597004.95	21.650
UABC	P10	03/23/14	691628.0376	3583837.997	14.580
UABC	P10	04/01/14	691628.0376	3583837.997	14.580
UABC	P10	04/11/14	691628.0376	3583837.997	14.580
UABC	P10	04/14/14	691628.0376	3583837.997	14.580
UABC	P10	04/23/14	691628.0376	3583837.997	14.580
UABC	P10	04/29/14	691628.0376	3583837.997	14.580
UABC	P10	05/08/14	691628.0376	3583837.997	14.580
UABC	P10	05/20/14	691628.0376	3583837.997	14.580
UABC	P11	04/01/14	691682.9965	3583808.984	16.820
UABC	P11	04/07/14	691682.9965	3583808.984	16.820
UABC	P11	04/15/14	691682.9965	3583808.984	16.820
UABC	P11	04/21/14	691682.9965	3583808.984	16.820
UABC	P11	04/28/14	691682.9965	3583808.984	16.820
UABC	P11	05/06/14	691682.9965	3583808.984	16.820
UABC	P11	05/20/14	691682.9965	3583808.984	16.820
UABC	P11		691682.9965	3583808.984	16.820
UABC	P12	04/01/14	691954.9707	3583742.959	15.270
UABC	P12	04/07/14	691954.9707	3583742.959	15.270
UABC	P12	04/15/14	691954.9707	3583742.959	15.270
UABC	P12	04/21/14	691954.9707	3583742.959	15.270
UABC	P12	04/28/14	691954.9707	3583742.959	15.270
UABC	P12	05/06/14	691954.9707	3583742.959	15.270
UABC	P12	05/20/14	691954.9707	3583742.959	15.270
UABC	P12		691954.9707	3583742.959	15.270
UABC	P13	04/01/14	705461.3254	3596385.6463	27.850
UABC	P13	04/07/14	705461.3254	3596385.6463	27.850
UABC	P13	04/14/14	705461.3254	3596385.6463	27.850
UABC	P13	04/21/14	705461.3254	3596385.6463	27.850
UABC	P13	05/06/14	705461.3254	3596385.6463	27.850

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	P13	05/20/14	705461.3254	3596385.6463	27.850
UABC	P13		705461.3254	3596385.6463	27.850
UABC	P13		705461.3254	3596385.6463	27.850
UABC	P14	04/01/14	705244.1413	3596478.1246	24.330
UABC	P14	04/08/14	705244.1413	3596478.1246	24.330
UABC	P14	04/14/14	705244.1413	3596478.1246	24.330
UABC	P14	04/22/14	705244.1413	3596478.1246	24.330
UABC	P14	05/08/14	705244.1413	3596478.1246	24.330
UABC	P14	05/22/14	705244.1413	3596478.1246	24.330
UABC	P14		705244.1413	3596478.1246	24.330
UABC	P14		705244.1413	3596478.1246	24.330
UABC	P15	04/01/14	705124.8758	3596559.2440	24.320
UABC	P15	04/08/14	705124.8758	3596559.2440	24.320
UABC	P15	04/14/14	705124.8758	3596559.2440	24.320
UABC	P15	04/23/14	705124.8758	3596559.2440	24.320
UABC	P15	04/29/14	705124.8758	3596559.2440	24.320
UABC	P15	05/08/14	705124.8758	3596559.2440	24.320
UABC	P15	05/22/14	705124.8758	3596559.2440	24.320
UABC	P15		705124.8758	3596559.2440	24.320
UABC	P16	04/01/14	704973.2424	3596675.5074	24.640
UABC	P16	04/08/14	704973.2424	3596675.5074	24.640
UABC	P16	04/14/14	704973.2424	3596675.5074	24.640
UABC	P16	04/23/14	704973.2424	3596675.5074	24.640
UABC	P16	04/29/14	704973.2424	3596675.5074	24.640
UABC	P16	05/08/14	704973.2424	3596675.5074	24.640
UABC	P16		704973.2424	3596675.5074	24.640
UABC	P16		704973.2424	3596675.5074	24.640
UABC	P17	04/01/14	702370.24	3594659.426	23.230
UABC	P17	04/08/14	702370.24	3594659.426	23.230
UABC	P17	04/15/14	702370.24	3594659.426	23.230
UABC	P17	04/21/14	702370.24	3594659.426	23.230
UABC	P17	04/28/14	702370.24	3594659.426	23.230
UABC	P17	05/02/14	702370.24	3594659.426	23.230
UABC	P17	05/20/14	702370.24	3594659.426	23.230
UABC	P17		702370.24	3594659.426	23.230
UABC	P18	04/01/14	702318.1169	3595136.735	23.290
UABC	P18	04/08/14	702318.1169	3595136.735	23.290
UABC	P18	04/14/14	702318.1169	3595136.735	23.290
UABC	P18	04/22/14	702318.1169	3595136.735	23.290
UABC	P18	04/28/14	702318.1169	3595136.735	23.290
UABC	P18	05/02/14	702318.1169	3595136.735	23.290
UABC	P18	05/20/14	702318.1169	3595136.735	23.290

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	P18		702318.1169	3595136.735	23.290
UABC	P19	04/03/14	702165.9812	3595718.952	24.630
UABC	P19	04/08/14	702165.9812	3595718.952	24.630
UABC	P19	04/14/14	702165.9812	3595718.952	24.630
UABC	P19	04/22/14	702165.9812	3595718.952	24.630
UABC	P19	05/02/14	702165.9812	3595718.952	24.630
UABC	P19	05/02/14	702165.9812	3595718.952	24.630
UABC	P19	05/22/14	702165.9812	3595718.952	24.630
UABC	P19		702165.9812	3595718.952	24.630
UABC	P2	03/31/14	699350.5548	3595972.3913	22.460
UABC	P2	04/07/14	699350.5548	3595972.3913	22.460
UABC	P2	04/15/14	699350.5548	3595972.3913	22.460
UABC	P2	04/21/14	699350.5548	3595972.3913	22.460
UABC	P2	05/02/14	699350.5548	3595972.3913	22.460
UABC	P2	05/02/14	699350.5548	3595972.3913	22.460
UABC	P2	05/20/14	699350.5548	3595972.3913	22.460
UABC	P2		699350.5548	3595972.3913	22.460
UABC	P20	04/03/14	702005.8551	3596199.753	23.580
UABC	P20	04/08/14	702005.8551	3596199.753	23.580
UABC	P20	04/14/14	702005.8551	3596199.753	23.580
UABC	P20	04/22/14	702005.8551	3596199.753	23.580
UABC	P20	05/02/14	702005.8551	3596199.753	23.580
UABC	P20	05/02/14	702005.8551	3596199.753	23.580
UABC	P20	05/22/14	702005.8551	3596199.753	23.580
UABC	P20		702005.8551	3596199.753	23.580
UABC	P3	04/04/14	699319.3728	3595638.7662	22.750
UABC	P3	04/07/14	699319.3728	3595638.7662	22.750
UABC	P3	04/15/14	699319.3728	3595638.7662	22.750
UABC	P3	04/21/14	699319.3728	3595638.7662	22.750
UABC	P3	05/02/14	699319.3728	3595638.7662	22.750
UABC	P3	05/02/14	699319.3728	3595638.7662	22.750
UABC	P3	05/20/14	699319.3728	3595638.7662	22.750
UABC	P3		699319.3728	3595638.7662	22.750
UABC	P4	04/04/14	699257.8833	3595200.9756	21.890
UABC	P4	04/07/14	699257.8833	3595200.9756	21.890
UABC	P4	04/15/14	699257.8833	3595200.9756	21.890
UABC	P4	04/21/14	699257.8833	3595200.9756	21.890
UABC	P4	04/28/14	699257.8833	3595200.9756	21.890
UABC	P4	05/06/14	699257.8833	3595200.9756	21.890
UABC	P4	05/20/14	699257.8833	3595200.9756	21.890
UABC	P4		699257.8833	3595200.9756	21.890

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	P5	03/23/14	693616.9898	3591553.947	19.770
UABC	P5	03/31/14	693616.9898	3591553.947	19.770
UABC	P5	04/08/14	693616.9898	3591553.947	19.770
UABC	P5	04/14/14	693616.9898	3591553.947	19.770
UABC	P5	04/21/14	693616.9898	3591553.947	19.770
UABC	P5	04/29/14	693616.9898	3591553.947	19.770
UABC	P5	05/08/14	693616.9898	3591553.947	19.770
UABC	P5	05/21/14	693616.9898	3591553.947	19.770
UABC	P6	03/23/14	693809.986	3591423.012	19.950
UABC	P6	03/31/14	693809.986	3591423.012	19.950
UABC	P6	04/08/14	693809.986	3591423.012	19.950
UABC	P6	04/14/14	693809.986	3591423.012	19.950
UABC	P6	04/21/14	693809.986	3591423.012	19.950
UABC	P6	04/29/14	693809.986	3591423.012	19.950
UABC	P6	05/08/14	693809.986	3591423.012	19.950
UABC	P6	05/21/14	693809.986	3591423.012	19.950
UABC	P7	03/31/14	694054.9687	3591288.982	19.500
UABC	P7	04/07/14	694054.9687	3591288.982	19.500
UABC	P7	04/14/14	694054.9687	3591288.982	19.500
UABC	P7	04/22/14	694054.9687	3591288.982	19.500
UABC	P7	04/29/14	694054.9687	3591288.982	19.500
UABC	P7	05/02/14	694054.9687	3591288.982	19.500
UABC	P7	05/20/14	694054.9687	3591288.982	19.500
UABC	P7		694054.9687	3591288.982	19.500
UABC	P8	03/31/14	694350.9761	3591089.947	18.670
UABC	P8	04/07/14	694350.9761	3591089.947	18.670
UABC	P8	04/14/14	694350.9761	3591089.947	18.670
UABC	P8	04/22/14	694350.9761	3591089.947	18.670
UABC	P8	04/29/14	694350.9761	3591089.947	18.670
UABC	P8	05/02/14	694350.9761	3591089.947	18.670
UABC	P8	05/20/14	694350.9761	3591089.947	18.670
UABC	P8		694350.9761	3591089.947	18.670
UABC	P9	03/23/14	691519.9883	3583881.971	16.610
UABC	P9	04/01/14	691519.9883	3583881.971	16.610
UABC	P9	04/08/14	691519.9883	3583881.971	16.610
UABC	P9	04/14/14	691519.9883	3583881.971	16.610
UABC	P9	04/23/14	691519.9883	3583881.971	16.610
UABC	P9	04/29/14	691519.9883	3583881.971	16.610
UABC	P9	05/08/14	691519.9883	3583881.971	16.610
UABC	P9	05/20/14	691519.9883	3583881.971	16.610
UABC	RC1	03/21/14	683035.6396	3569351.851	14.710

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	RC1	04/01/14	683035.6396	3569351.851	14.710
UABC	RC1	04/07/14	683035.6396	3569351.851	14.710
UABC	RC1	04/15/14	683035.6396	3569351.851	14.710
UABC	RC1	04/24/14	683035.6396	3569351.851	14.710
UABC	RC1	05/08/14	683035.6396	3569351.851	14.710
UABC	RC1	05/22/14	683035.6396	3569351.851	14.710
UABC	RC1		683035.6396	3569351.851	14.710
UABC	RC10	03/24/14	682817.575	3567235.41	13.040
UABC	RC10	04/01/14	682817.575	3567235.41	13.040
UABC	RC10	04/07/14	682817.575	3567235.41	13.040
UABC	RC10	04/15/14	682817.575	3567235.41	13.040
UABC	RC10	04/24/14	682817.575	3567235.41	13.040
UABC	RC10	05/08/14	682817.575	3567235.41	13.040
UABC	RC10	05/23/14	682817.575	3567235.41	13.040
UABC	RC10		682817.575	3567235.41	13.040
UABC	RC11	03/24/14	683183.8910	3567117.6287	13.870
UABC	RC11	04/01/14	683183.8910	3567117.6287	13.870
UABC	RC11	04/07/14	683183.8910	3567117.6287	13.870
UABC	RC11	04/15/14	683183.8910	3567117.6287	13.870
UABC	RC11	04/21/14	683183.8910	3567117.6287	13.870
UABC	RC11	04/28/14	683183.8910	3567117.6287	13.870
UABC	RC11	05/05/14	683183.8910	3567117.6287	13.870
UABC	RC11	05/23/14	683183.8910	3567117.6287	13.870
UABC	RC12	03/24/14	683505.9984	3566750.3361	14.730
UABC	RC12	04/02/14	683505.9984	3566750.3361	14.730
UABC	RC12	04/10/14	683505.9984	3566750.3361	14.730
UABC	RC12	04/15/14	683505.9984	3566750.3361	14.730
UABC	RC12	04/21/14	683505.9984	3566750.3361	14.730
UABC	RC12	04/28/14	683505.9984	3566750.3361	14.730
UABC	RC12	05/05/14	683505.9984	3566750.3361	14.730
UABC	RC12	05/23/14	683505.9984	3566750.3361	14.730
UABC	RC13	03/24/14	678111.1570	3565428.6400	11.390
UABC	RC13	04/01/14	678111.1570	3565428.6400	11.390
UABC	RC13	04/07/14	678111.1570	3565428.6400	11.390
UABC	RC13	04/15/14	678111.1570	3565428.6400	11.390
UABC	RC13	04/24/14	678111.1570	3565428.6400	11.390
UABC	RC13	05/01/14	678111.1570	3565428.6400	11.390
UABC	RC13	05/06/14	678111.1570	3565428.6400	11.390
UABC	RC13	05/23/14	678111.1570	3565428.6400	11.390
UABC	RC14	03/24/14	678244.3080	3565351.7500	11.750

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	RC14	04/01/14	678244.3080	3565351.7500	11.750
UABC	RC14	04/07/14	678244.3080	3565351.7500	11.750
UABC	RC14	04/15/14	678244.3080	3565351.7500	11.750
UABC	RC14	04/24/14	678244.3080	3565351.7500	11.750
UABC	RC14	05/01/14	678244.3080	3565351.7500	11.750
UABC	RC14	05/06/14	678244.3080	3565351.7500	11.750
UABC	RC14	05/23/14	678244.3080	3565351.7500	11.750
UABC	RC15	03/21/14	678768.3300	3565005.5700	11.650
UABC	RC15	04/01/14	678768.3300	3565005.5700	11.650
UABC	RC15	04/07/14	678768.3300	3565005.5700	11.650
UABC	RC15	04/15/14	678768.3300	3565005.5700	11.650
UABC	RC15	04/21/14	678768.3300	3565005.5700	11.650
UABC	RC15	04/28/14	678768.3300	3565005.5700	11.650
UABC	RC15	05/05/14	678768.3300	3565005.5700	11.650
UABC	RC15	05/23/14	678768.3300	3565005.5700	11.650
UABC	RC16	03/21/14	679223.8119	3564687.0948	11.400
UABC	RC16	04/01/14	679223.8119	3564687.0948	11.400
UABC	RC16	04/07/14	679223.8119	3564687.0948	11.400
UABC	RC16	04/15/14	679223.8119	3564687.0948	11.400
UABC	RC16	04/21/14	679223.8119	3564687.0948	11.400
UABC	RC16	04/28/14	679223.8119	3564687.0948	11.400
UABC	RC16	05/05/14	679223.8119	3564687.0948	11.400
UABC	RC16	05/23/14	679223.8119	3564687.0948	11.400
UABC	RC17	03/24/14	675678.2960	3564205.2400	10.950
UABC	RC17	04/01/14	675678.2960	3564205.2400	10.950
UABC	RC17	04/07/14	675678.2960	3564205.2400	10.950
UABC	RC17	04/15/14	675678.2960	3564205.2400	10.950
UABC	RC17	04/24/14	675678.2960	3564205.2400	10.950
UABC	RC17	05/01/14	675678.2960	3564205.2400	10.950
UABC	RC17	05/06/14	675678.2960	3564205.2400	10.950
UABC	RC17	05/23/14	675678.2960	3564205.2400	10.950
UABC	RC18	03/24/14	675820.5820	3563564.9400	10.890
UABC	RC18	04/01/14	675820.5820	3563564.9400	10.890
UABC	RC18	04/07/14	675820.5820	3563564.9400	10.890
UABC	RC18	04/15/14	675820.5820	3563564.9400	10.890
UABC	RC18	04/24/14	675820.5820	3563564.9400	10.890
UABC	RC18	05/01/14	675820.5820	3563564.9400	10.890
UABC	RC18	05/06/14	675820.5820	3563564.9400	10.890
UABC	RC18	05/23/14	675820.5820	3563564.9400	10.890
UABC	RC2	03/23/14	683310.1710	3569377.0800	14.580
UABC	RC2	04/01/14	683310.1710	3569377.0800	14.580
UABC	RC2	04/07/14	683310.1710	3569377.0800	14.580
UABC	RC2	04/15/14	683310.1710	3569377.0800	14.580

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	RC2	04/24/14	683310.1710	3569377.0800	14.580
UABC	RC2	05/08/14	683310.1710	3569377.0800	14.580
UABC	RC2	05/22/14	683310.1710	3569377.0800	14.580
UABC	RC2		683310.1710	3569377.0800	14.580
UABC	RC21	03/21/14	673577.3170	3564097.5800	10.330
UABC	RC21	04/01/14	673577.3170	3564097.5800	10.330
UABC	RC21	04/07/14	673577.3170	3564097.5800	10.330
UABC	RC21	04/15/14	673577.3170	3564097.5800	10.330
UABC	RC21	04/24/14	673577.3170	3564097.5800	10.330
UABC	RC21	05/01/14	673577.3170	3564097.5800	10.330
UABC	RC21	05/06/14	673577.3170	3564097.5800	10.330
UABC	RC21	05/23/14	673577.3170	3564097.5800	10.330
UABC	RC22	03/21/14	673540.3320	3563720.9300	10.810
UABC	RC22	04/01/14	673540.3320	3563720.9300	10.810
UABC	RC22	04/07/14	673540.3321	3563720.9301	10.810
UABC	RC22	04/15/14	673540.3320	3563720.9300	10.810
UABC	RC22	04/24/14	673540.3322	3563720.9302	10.810
UABC	RC22	05/01/14	673540.3320	3563720.9300	10.810
UABC	RC22	05/06/14	673540.3323	3563720.9303	10.810
UABC	RC22	05/23/14	673540.3320	3563720.9300	10.810
UABC	RC23	03/21/14	673457.0240	3563355.5100	10.400
UABC	RC23	04/01/14	673457.0240	3563355.5100	10.400
UABC	RC23	04/07/14	673457.0241	3563355.5101	10.400
UABC	RC23	04/15/14	673457.0240	3563355.5100	10.400
UABC	RC23	04/21/14	673457.0242	3563355.5102	10.400
UABC	RC23	04/28/14	673457.0240	3563355.5100	10.400
UABC	RC23	05/05/14	673457.0243	3563355.5103	10.400
UABC	RC23		673457.0240	3563355.5100	10.400
UABC	RC24	03/21/14	673629.8320	3563050.4400	10.310
UABC	RC24	04/01/14	673629.8320	3563050.4400	10.310
UABC	RC24	04/07/14	673629.8320	3563050.4400	10.310
UABC	RC24	04/15/14	673629.8320	3563050.4400	10.310
UABC	RC24	04/21/14	673629.8320	3563050.4400	10.310
UABC	RC24	04/28/14	673629.8320	3563050.4400	10.310
UABC	RC24	05/05/14	673629.8320	3563050.4400	10.310
UABC	RC24	05/23/14	673629.8320	3563050.4400	10.310
UABC	RC25	03/21/14	676262.7410	3563197.9100	9.440
UABC	RC25	04/01/14	676262.7410	3563197.9100	9.440
UABC	RC25	04/07/14	676262.7410	3563197.9100	9.440
UABC	RC25	04/15/14	676262.7410	3563197.9100	9.440
UABC	RC25	04/21/14	676262.7410	3563197.9100	9.440

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	RC25	04/28/14	676262.7410	3563197.9100	9.440
UABC	RC25	05/05/14	676262.7410	3563197.9100	9.440
UABC	RC25	05/23/14	676262.7410	3563197.9100	9.440
UABC	RC26	03/21/14	672087.6989	3563968.7000	10.740
UABC	RC26	04/01/14	672087.6989	3563968.7000	10.740
UABC	RC26	04/07/14	672087.6990	3563968.7001	10.740
UABC	RC26	04/15/14	672087.6989	3563968.7000	10.740
UABC	RC26	04/24/14	672087.6991	3563968.7002	10.740
UABC	RC26	05/01/14	672087.6989	3563968.7000	10.740
UABC	RC26	05/06/14	672087.6992	3563968.7003	10.740
UABC	RC26	05/23/14	672087.6989	3563968.7000	10.740
UABC	RC27	03/21/14	672300.5017	3563396.1852	10.490
UABC	RC27	04/01/14	672300.5017	3563396.1852	10.490
UABC	RC27	04/07/14	672300.5017	3563396.1852	10.490
UABC	RC27	04/15/14	672300.5017	3563396.1852	10.490
UABC	RC27	04/24/14	672300.5017	3563396.1852	10.490
UABC	RC27	05/01/14	672300.5017	3563396.1852	10.490
UABC	RC27	05/06/14	672300.5017	3563396.1852	10.490
UABC	RC27	05/23/14	672300.5017	3563396.1852	10.490
UABC	RC28	03/21/14	678201.5500	3564551.1700	11.090
UABC	RC28	04/01/14	678201.5500	3564551.1700	11.090
UABC	RC28	04/07/14	678201.5500	3564551.1700	11.090
UABC	RC28	04/15/14	678201.5500	3564551.1700	11.090
UABC	RC28	04/21/14	678201.5500	3564551.1700	11.090
UABC	RC28	04/28/14	678201.5500	3564551.1700	11.090
UABC	RC28	05/05/14	678201.5500	3564551.1700	11.090
UABC	RC28	05/23/14	678201.5500	3564551.1700	11.090
UABC	RC29	03/21/14	678358.3974	3564350.2069	11.620
UABC	RC29	04/01/14	678358.3974	3564350.2069	11.620
UABC	RC29	04/07/14	678358.3974	3564350.2069	11.620
UABC	RC29	04/15/14	678358.3974	3564350.2069	11.620
UABC	RC29	04/21/14	678358.3974	3564350.2069	11.620
UABC	RC29	04/28/14	678358.3974	3564350.2069	11.620
UABC	RC29	05/05/14	678358.3974	3564350.2069	11.620
UABC	RC29	05/23/14	678358.3974	3564350.2069	11.620
UABC	RC3	03/23/14	683579.9910	3569341.0100	15.220
UABC	RC3	04/01/14	683579.9910	3569341.0100	15.220
UABC	RC3	04/07/14	683579.9910	3569341.0100	15.220
UABC	RC3	04/15/14	683579.9910	3569341.0100	15.220
UABC	RC3	04/21/14	683579.9910	3569341.0100	15.220
UABC	RC3	04/28/14	683579.9910	3569341.0100	15.220

Agency Code (C4)	Site Number (C1)	Measurement Date (C235)	x	y	LiDAR Elevation (masl)
UABC	RC3	05/05/14	683579.9910	3569341.0100	15.220
UABC	RC3	05/23/14	683579.9910	3569341.0100	15.220
UABC	RC4	03/21/14	683700.2173	3569314.6120	12.940
UABC	RC4	04/01/14	683700.2173	3569314.6120	12.940
UABC	RC4	04/07/14	683700.2173	3569314.6120	12.940
UABC	RC4	04/15/14	683700.2173	3569314.6120	12.940
UABC	RC4	04/21/14	683700.2173	3569314.6120	12.940
UABC	RC4	04/28/14	683700.2173	3569314.6120	12.940
UABC	RC4	05/05/14	683700.2173	3569314.6120	12.940
UABC	RC4	05/23/14	683700.2173	3569314.6120	12.940
UABC	RC5	03/24/14	681578.1120	3566897.7600	14.360
UABC	RC5	04/01/14	681578.1120	3566897.7600	14.360
UABC	RC5	04/07/14	681578.1120	3566897.7600	14.360
UABC	RC5	04/15/14	681578.1120	3566897.7600	14.360
UABC	RC5	04/24/14	681578.1120	3566897.7600	14.360
UABC	RC5	05/06/14	681578.1120	3566897.7600	14.360
UABC	RC5	05/23/14	681578.1120	3566897.7600	14.360
UABC	RC5		681578.1120	3566897.7600	14.360
UABC	RC6	03/24/14	681714.1500	3566445.2000	12.910
UABC	RC6	04/01/14	681714.1500	3566445.2000	12.910
UABC	RC6	04/07/14	681714.1500	3566445.2000	12.910
UABC	RC6	04/15/14	681714.1500	3566445.2000	12.910
UABC	RC6	04/24/14	681714.1500	3566445.2000	12.910
UABC	RC6	05/06/14	681714.1500	3566445.2000	12.910
UABC	RC6	05/23/14	681714.1500	3566445.2000	12.910
UABC	RC6		681714.1500	3566445.2000	12.910
UABC	RC7	03/21/14	681866.7070	3566127.1300	11.540
UABC	RC7	04/01/14	681866.7070	3566127.1300	11.540
UABC	RC7	04/07/14	681866.7070	3566127.1300	11.540
UABC	RC7	04/15/14	681866.7070	3566127.1300	11.540
UABC	RC7	04/21/14	681866.7070	3566127.1300	11.540
UABC	RC7	04/28/14	681866.7070	3566127.1300	11.540
UABC	RC7	05/05/14	681866.7070	3566127.1300	11.540
UABC	RC7	05/23/14	681866.7070	3566127.1300	11.540
UABC	RC8	03/21/14	681864.8690	3565940.3669	13.290
UABC	RC8	04/01/14	681864.8690	3565940.3669	13.290
UABC	RC8	04/07/14	681864.8690	3565940.3669	13.290
UABC	RC8	04/15/14	681864.8690	3565940.3669	13.290
UABC	RC8	04/21/14	681864.8690	3565940.3669	13.290
UABC	RC8	04/28/14	681864.8690	3565940.3669	13.290
UABC	RC8	05/05/14	681864.8690	3565940.3669	13.290
UABC	RC8	05/23/14	681864.8690	3565940.3669	13.290
UABC	RC9	03/24/14	682625.8600	3567489.8800	13.590

<b>Agency Code (C4)</b>	<b>Site Number (C1)</b>	<b>Measurement Date (C235)</b>	<b>x</b>	<b>y</b>	<b>LiDAR Elevation (masl)</b>
UABC	RC9	04/01/14	682625.8600	3567489.8800	13.590
UABC	RC9	04/07/14	682625.8600	3567489.8800	13.590
UABC	RC9	04/15/14	682625.8600	3567489.8800	13.590
UABC	RC9	04/24/14	682625.8600	3567489.8800	13.590
UABC	RC9	05/08/14	682625.8600	3567489.8800	13.590
UABC	RC9	05/23/14	682625.8600	3567489.8800	13.590
UABC	RC9		682625.8600	3567489.8800	13.590

Site Number (C1)	Measurement Date (C235)	Measument point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
CH-1	03/24/14	17.129	10.939	6.190	6.19
CH-1	04/01/14	17.129	10.867	6.262	6.262
CH-1	04/07/14	17.129	11.038	6.091	6.091
CH-1	04/15/14	17.129	10.917	6.212	6.212
CH-1	04/21/14	17.129	10.964	6.165	6.165
CH-1	04/28/14	17.129	11.029	6.100	6.1
CH-1	05/06/14	17.129	11.217	5.912	5.912
CH-1	05/20/14	17.129	11.169	5.960	5.96
CH-2	03/24/14	15.8368	11.047	4.790	4.79
CH-2	04/02/14	15.8368	11.018	4.819	4.819
CH-2	04/07/14	15.8368	11.239	4.598	4.598
CH-2	04/15/14	15.8368	11.065	4.772	4.772
CH-2	04/21/14	15.8368	11.099	4.738	4.738
CH-2	04/28/14	15.8368	11.169	4.668	4.668
CH-2	05/06/14	15.8368	11.398	4.439	4.439
CH-2	05/20/14	15.8368	11.142	4.695	4.695
CH-3	03/24/14	14.4449	11.360	3.085	3.085
CH-3	04/01/14	14.4449	11.364	3.081	3.081
CH-3	04/07/14	14.4449	11.512	2.933	2.933
CH-3	04/15/14	14.4449	11.396	3.049	3.049
CH-3	04/24/14	14.4449	11.413	3.032	3.032
CH-3	05/22/14	14.4449	11.400	3.045	3.045
CH-3		14.4449		#VALUE!	
CH-3		14.4449		#VALUE!	
CH-3a	03/24/14	15.0536	11.679	3.375	3.375
CH-3a	04/01/14	15.0536	11.670	3.384	3.384
CH-3a	04/07/14	15.0536	11.691	3.363	3.363
CH-3a	04/15/14	15.0536	11.695	3.359	3.359
CH-3a	04/24/14	15.0536	11.736	3.318	3.318
CH-3a	05/22/14	15.0536	10.678	4.376	4.376
CH-3a		15.0536		#VALUE!	
CH-3a		15.0536		#VALUE!	
CH-4	03/24/14	14.2895	11.870	2.420	2.42
CH-4	04/01/14	14.2895	11.862	2.428	2.428
CH-4	04/07/14	14.2895	11.941	2.349	2.349
CH-4	04/15/14	14.2895	11.914	2.376	2.376
CH-4	04/24/14	14.2895	11.922	2.368	2.368
CH-4	05/22/14	14.2895	12.259	2.031	2.031
CH-4		14.2895		#VALUE!	
CH-4		14.2895		#VALUE!	
CH-5	03/24/14	15.7459	11.794	3.952	3.952
CH-5	04/02/14	15.7459	9.531	6.215	6.215
CH-5	04/07/14	15.7459	12.098	3.648	3.648

Site Number (C1)	Measurement Date (C235)	Measument point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
CH-5	04/21/14	15.7459	12.436	3.310	3.31
CH-5	04/28/14	15.7459	12.506	3.240	3.24
CH-5	05/06/14	15.7459	12.811	2.935	2.935
CH-5	05/20/14	15.7459	12.424	3.322	3.322
CH-6	03/24/14	13.7205	11.621	2.100	2.1
CH-6	04/02/14	13.7205	11.627	2.094	2.094
CH-6	04/07/14	13.7205	13.161	0.560	0.56
CH-6	04/15/14	13.7205	12.419	1.302	1.302
CH-6	04/21/14	13.7205	12.340	1.381	1.381
CH-6	04/28/14	13.7205	12.778	0.943	0.943
CH-6	05/06/14	13.7205	12.811	0.910	0.91
CH-6	05/20/14	13.7205	12.210	1.511	1.511
CH-7	03/24/14	18.496	11.766	6.730	6.73
CH-7	04/01/14	18.496	11.764	6.732	6.732
CH-7	04/07/14	18.496	12.932	5.564	5.564
CH-7	04/15/14	18.496	12.258	6.238	6.238
CH-7	04/23/14	18.496	12.211	6.285	6.285
CH-7	04/29/14	18.496	13.116	5.380	5.38
CH-7	05/08/14	18.496	12.401	6.095	6.095
CH-7	05/22/14	18.496	12.099	6.397	6.397
CH-8	03/24/14	18.438	11.523	6.915	6.915
CH-8	04/01/14	18.438	11.516	6.922	6.922
CH-8	04/07/14	18.438	11.861	6.577	6.577
CH-8	04/15/14	18.438	11.788	6.650	6.65
CH-8	04/23/14	18.438	11.778	6.660	6.66
CH-8	04/29/14	18.438	12.083	6.355	6.355
CH-8	05/08/14	18.438	12.011	6.427	6.427
CH-8	05/22/14	18.438	12.073	6.365	6.365
MA1	03/22/14	24.5296	16.820	7.710	7.71
MA1	03/31/14	24.5296	16.918	7.612	7.612
MA1	04/08/14	24.5296	17.167	7.363	7.363
MA1	04/14/14	24.5296	17.212	7.318	7.318
MA1	04/23/14	24.5296	17.370	7.160	7.16
MA1	04/28/14	24.5296	17.484	7.046	7.046
MA1	05/05/14	24.5296	17.610	6.920	6.92
MA1	05/19/14	24.5296	17.790	6.740	6.74
MA10	03/31/14	24.8138	12.869	11.945	11.945
MA10	04/08/14	24.8138	13.364	11.450	11.45
MA10	04/14/14	24.8138	13.749	11.065	11.065
MA10	04/22/14	24.8138	14.174	10.640	10.64
MA10	04/29/14	24.8138	14.463	10.351	10.351
MA10	05/19/14	24.8138	14.701	10.113	10.113
MA10		24.8138		#VALUE!	

Site Number (C1)	Measurement Date (C235)	Measument point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
MA10		24.8138		#VALUE!	
MA11	04/03/14	25.2749	15.070	10.205	10.205
MA11	04/08/14	25.2749	15.845	9.430	9.43
MA11	04/14/14	25.2749	16.430	8.845	8.845
MA11	04/22/14	25.2749	16.973	8.302	8.302
MA11	04/29/14	25.2749	17.193	8.082	8.082
MA11	05/19/14	25.2749	16.982	8.293	8.293
MA11		25.2749		#VALUE!	
MA11		25.2749		#VALUE!	
MA12	03/31/14	24.8169	21.095	3.722	3.722
MA12	04/08/14	24.8169	21.156	3.661	3.661
MA12	04/14/14	24.8169	21.005	3.812	3.812
MA12	04/22/14	24.8169	20.700	4.117	4.117
MA12	04/29/14	24.8169		#VALUE!	
MA12	05/19/14	24.8169	18.031	6.786	6.786
MA12		24.8169		#VALUE!	
MA12		24.8169		#VALUE!	
MA13	04/03/14	24.5182	15.208	9.310	9.31
MA13	04/08/14	24.5182	15.350	9.168	9.168
MA13	04/14/14	24.5182	15.460	9.058	9.058
MA13	04/22/14	24.5182	15.646	8.872	8.872
MA13	04/29/14	24.5182	15.428	9.090	9.09
MA13	05/19/14	24.5182	14.595	9.923	9.923
MA13		24.5182		#VALUE!	
MA13		24.5182		#VALUE!	
MA14	03/31/14	24.6995	15.550	9.150	9.15
MA14	04/08/14	24.6995	17.675	7.025	7.025
MA14	04/14/14	24.6995	17.470	7.230	7.23
MA14	04/22/14	24.6995	17.425	7.275	7.275
MA14	04/29/14	24.6995	16.570	8.130	8.13
MA14	05/19/14	24.6995	14.997	9.703	9.703
MA14		24.6995		#VALUE!	
MA14		24.6995		#VALUE!	
MA15	03/31/14	24.3606		#VALUE!	
MA15	04/08/14	24.3606	21.568	2.793	2.793
MA15	04/14/14	24.3606	21.056	3.305	3.305
MA15	04/22/14	24.3606	20.615	3.746	3.746
MA15	04/29/14	24.3606	19.241	5.120	5.12
MA15	05/19/14	24.3606	15.266	9.095	9.095
MA15		24.3606		#VALUE!	
MA15		24.3606		#VALUE!	
MA2	03/22/14	22.2047		#VALUE!	

Site Number (C1)	Measurement Date (C235)	Measument point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
MA2	03/31/14	22.2047	17.829	4.376	4.376
MA2	04/08/14	22.2047	18.161	4.044	4.044
MA2	04/14/14	22.2047	18.335	3.870	3.87
MA2	04/23/14	22.2047	18.603	3.602	3.602
MA2	04/28/14	22.2047	17.673	4.532	4.532
MA2	05/05/14	22.2047	18.705	3.500	3.5
MA2	05/19/14	22.2047	18.770	3.435	3.435
MA3	03/22/14	26.2715	18.637	7.635	7.635
MA3	03/31/14	26.2715	19.126	7.146	7.146
MA3	04/08/14	26.2715	19.930	6.342	6.342
MA3	04/14/14	26.2715	20.337	5.935	5.935
MA3	04/23/14	26.2715	20.437	5.835	5.835
MA3	04/28/14	26.2715	20.410	5.862	5.862
MA3	05/05/14	26.2715	20.329	5.943	5.943
MA3	05/19/14	26.2715	20.257	6.015	6.015
MA4	03/22/14	22.407		#VALUE!	
MA4	03/31/14	22.407		#VALUE!	
MA4	04/08/14	22.407		#VALUE!	
MA4	04/14/14	22.407		#VALUE!	
MA4	04/23/14	22.407		#VALUE!	
MA4	04/28/14	22.407		#VALUE!	
MA4	05/05/14	22.407	22.183	0.224	0.224
MA4	05/19/14	22.407	21.422	0.985	0.985
MA5	03/31/14	26.1043		#VALUE!	
MA5	04/09/14	26.1043	16.670	9.434	9.434
MA5	04/14/14	26.1043	16.763	9.341	9.341
MA5	04/22/14	26.1043	16.932	9.172	9.172
MA5	04/29/14	26.1043		#VALUE!	
MA5	05/19/14	26.1043	17.205	8.899	8.899
MA5		26.1043		#VALUE!	
MA5		26.1043		#VALUE!	
MA6	03/31/14	25.5118		#VALUE!	
MA6	04/08/14	25.5118	18.330	7.182	7.182
MA6	04/14/14	25.5118	18.562	6.950	6.95
MA6	04/22/14	25.5118	18.767	6.745	6.745
MA6	04/29/14	25.5118	18.854	6.658	6.658
MA6	05/19/14	25.5118	18.872	6.640	6.64
MA6		25.5118		#VALUE!	
MA6		25.5118		#VALUE!	
MA7	03/31/14	26.5966	20.083	6.514	6.514

Site Number (C1)	Measurement Date (C235)	Measument point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
MA7	04/08/14	26.5966	21.465	5.132	5.132
MA7	04/14/14	26.5966	20.349	6.248	6.248
MA7	04/23/14	26.5966	20.176	6.421	6.421
MA7	04/28/14	26.5966	20.172	6.425	6.425
MA7	05/05/14	26.5966	20.102	6.495	6.495
MA7	05/19/14	26.5966	19.975	6.622	6.622
MA7		26.5966		#VALUE!	
MA8	04/04/14	25.607	16.904	8.703	8.703
MA8	04/08/14	25.607	17.199	8.408	8.408
MA8	04/14/14	25.607	17.585	8.022	8.022
MA8	04/23/14	25.607	17.953	7.654	7.654
MA8	04/28/14	25.607	18.053	7.554	7.554
MA8	05/05/14	25.607	18.164	7.443	7.443
MA8	05/19/14	25.607	17.965	7.642	7.642
MA8		25.607		#VALUE!	
MA9	03/22/14	25.3335	17.039	8.295	8.295
MA9	03/31/14	25.3335	21.662	3.672	3.672
MA9	04/08/14	25.3335	21.644	3.690	3.69
MA9	04/14/14	25.3335	21.474	3.860	3.86
MA9	04/22/14	25.3335	21.224	4.110	4.11
MA9	04/29/14	25.3335		#VALUE!	
MA9	05/19/14	25.3335	19.540	5.794	5.794
MA9		25.3335		#VALUE!	
N1	03/20/14	36.3976	29.668	6.730	6.73
N1	03/31/14	36.3976	31.038	5.360	5.36
N1	04/08/14	36.3976	30.931	5.467	5.467
N1	04/14/14	36.3976	30.558	5.840	5.84
N1	04/22/14	36.3976	30.203	6.195	6.195
N1	04/28/14	36.3976	30.033	6.365	6.365
N1	05/05/14	36.3976	29.893	6.505	6.505
N1	05/21/14	36.3976	29.660	6.738	6.738
N2	03/20/14	34.9454	29.039	5.906	5.906
N2	03/31/14	34.9454	31.903	3.042	3.042
N2	04/08/14	34.9454	30.405	4.540	4.54
N2	04/14/14	34.9454	30.139	4.806	4.806
N2	04/22/14	34.9454	29.490	5.455	5.455
N2	04/28/14	34.9454	29.332	5.613	5.613
N2	05/05/14	34.9454	29.250	5.695	5.695
N2	05/21/14	34.9454	29.055	5.890	5.89
N3	03/20/14	34.2757	30.364	3.912	3.912
N3	03/31/14	34.2757	27.390	6.886	6.886
N3	04/08/14	34.2757	27.578	6.698	6.698

Site Number (C1)	Measurement Date (C235)	Measurement point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
N3	04/14/14	34.2757		#VALUE!	
N3	04/22/14	34.2757	27.494	6.782	6.782
N3	05/21/14	34.2757	27.146	7.130	7.13
N3		34.2757		#VALUE!	
N3		34.2757		#VALUE!	
N4	03/20/14	31.0337	26.984	4.050	4.05
N4	03/31/14	31.0337		#VALUE!	
N4	04/08/14	31.0337	28.969	2.065	2.065
N4	04/14/14	31.0337	28.316	2.718	2.718
N4	04/22/14	31.0337	27.783	3.251	3.251
N4	05/21/14	31.0337	27.334	3.700	3.7
N4		31.0337		#VALUE!	
N4		31.0337		#VALUE!	
N5	03/31/14	28.0091	25.727	2.282	2.282
N5	04/08/14	28.0091	25.964	2.045	2.045
N5	04/14/14	28.0091	25.686	2.323	2.323
N5	04/22/14	28.0091	25.434	2.575	2.575
N5	04/28/14	28.0091	25.136	2.873	2.873
N5	05/05/14	28.0091	24.984	3.025	3.025
N5	05/21/14	28.0091	24.731	3.278	3.278
N5		28.0091		#VALUE!	
N6	03/31/14	27.721		#VALUE!	
N6	04/08/14	27.721	26.774	0.947	0.947
N6	04/14/14	27.721	26.079	1.642	1.642
N6	04/22/14	27.721	25.711	2.010	2.01
N6	04/28/14	27.721	25.078	2.643	2.643
N6	05/05/14	27.721	25.206	2.515	2.515
N6	05/21/14	27.721	24.964	2.757	2.757
N6		27.721		#VALUE!	
N7	03/20/14	26.1401	19.494	6.646	6.646
N7	03/31/14	26.1401		#VALUE!	
N7	04/08/14	26.1401	23.358	2.782	2.782
N7	04/14/14	26.1401	22.288	3.852	3.852
N7	04/22/14	26.1401	21.836	4.304	4.304
N7	04/28/14	26.1401	21.624	4.516	4.516
N7	05/05/14	26.1401	21.430	4.710	4.71
N7	05/21/14	26.1401	21.282	4.858	4.858
N8	03/22/14	26.6904	20.034	6.656	6.656
N8	03/31/14	26.6904		#VALUE!	

Site Number (C1)	Measurement Date (C235)	Measument point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
N8	04/08/14	26.6904	24.809	1.881	1.881
N8	04/14/14	26.6904	24.024	2.666	2.666
N8	04/22/14	26.6904	23.518	3.172	3.172
N8	04/28/14	26.6904	23.334	3.356	3.356
N8	05/05/14	26.6904	22.920	3.770	3.77
N8	05/21/14	26.6904	22.766	3.924	3.924
P1	03/23/14	21.0408		#VALUE!	
P1	03/31/14	21.0408	9.837	11.204	11.204
P1	04/08/14	21.0408	15.960	5.081	5.081
P1	04/15/14	21.0408	15.300	5.741	5.741
P1	04/21/14	21.0408	15.007	6.034	6.034
P1	04/29/14	21.0408	16.083	4.958	4.958
P1	05/08/14	21.0408	15.524	5.517	5.517
P1	05/21/14	21.0408	13.763	7.278	7.278
P10	03/23/14	14.4852	9.411	5.074	5.074
P10	04/01/14	14.4852	8.392	6.093	6.093
P10	04/11/14	14.4852	13.481	1.004	1.004
P10	04/14/14	14.4852	13.929	0.556	0.556
P10	04/23/14	14.4852		#VALUE!	
P10	04/29/14	14.4852		#VALUE!	
P10	05/08/14	14.4852		#VALUE!	
P10	05/20/14	14.4852	11.777	2.708	2.708
P11	04/01/14	16.5833	9.033	7.550	7.55
P11	04/07/14	16.5833	13.051	3.532	3.532
P11	04/15/14	16.5833	13.031	3.552	3.552
P11	04/21/14	16.5833	12.410	4.173	4.173
P11	04/28/14	16.5833	13.626	2.957	2.957
P11	05/06/14	16.5833	12.927	3.656	3.656
P11	05/20/14	16.5833	11.563	5.020	5.02
P11		16.5833		#VALUE!	
P12	04/01/14	15.2199	8.670	6.550	6.55
P12	04/07/14	15.2199	9.263	5.957	5.957
P12	04/15/14	15.2199	9.717	5.503	5.503
P12	04/21/14	15.2199	9.955	5.265	5.265
P12	04/28/14	15.2199	10.070	5.150	5.15
P12	05/06/14	15.2199	10.449	4.771	4.771
P12	05/20/14	15.2199	10.465	4.755	4.755
P12		15.2199		#VALUE!	
P13	04/01/14	27.7935	14.273	13.521	13.521
P13	04/07/14	27.7935	15.527	12.267	12.267
P13	04/14/14	27.7935	15.832	11.962	11.962
P13	04/21/14	27.7935	16.049	11.745	11.745
P13	05/06/14	27.7935	13.886	13.908	13.908

Site Number (C1)	Measurement Date (C235)	Measument point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
P13	05/20/14	27.7935	13.038	14.756	14.756
P13		27.7935		#VALUE!	
P13		27.7935	14.723	13.071	13.071
P14	04/01/14	24.1033		#VALUE!	
P14	04/08/14	24.1033	16.828	7.275	7.275
P14	04/14/14	24.1033	16.881	7.222	7.222
P14	04/22/14	24.1033	16.626	7.477	7.477
P14	05/08/14	24.1033	14.368	9.735	9.735
P14	05/22/14	24.1033	13.405	10.698	10.698
P14		24.1033		#VALUE!	
P14		24.1033		#VALUE!	
P15	04/01/14	24.3991	18.813	5.586	5.586
P15	04/08/14	24.3991	18.016	6.383	6.383
P15	04/14/14	24.3991	17.088	7.311	7.311
P15	04/23/14	24.3991	16.549	7.850	7.85
P15	04/29/14	24.3991	16.099	8.300	8.3
P15	05/08/14	24.3991	15.537	8.862	8.862
P15	05/22/14	24.3991	14.800	9.599	9.599
P15		24.3991		#VALUE!	
P16	04/01/14	24.6969		#VALUE!	
P16	04/08/14	24.6969		#VALUE!	
P16	04/14/14	24.6969		#VALUE!	
P16	04/23/14	24.6969		#VALUE!	
P16	04/29/14	24.6969		#VALUE!	
P16	05/08/14	24.6969		#VALUE!	
P16		24.6969		#VALUE!	
P16		24.6969		#VALUE!	
P17	04/01/14	23.4201	11.015	12.405	12.405
P17	04/08/14	23.4201	12.458	10.962	10.962
P17	04/15/14	23.4201	13.190	10.230	10.23
P17	04/21/14	23.4201	13.595	9.825	9.825
P17	04/28/14	23.4201	13.905	9.515	9.515
P17	05/02/14	23.4201	14.069	9.351	9.351
P17	05/20/14	23.4201	19.900	3.520	3.52
P17		23.4201		#VALUE!	
P18	04/01/14	23.3398		#VALUE!	
P18	04/08/14	23.3398	18.178	5.162	5.162
P18	04/14/14	23.3398	18.952	4.388	4.388
P18	04/22/14	23.3398	19.315	4.025	4.025
P18	04/28/14	23.3398		#VALUE!	
P18	05/02/14	23.3398	19.499	3.841	3.841
P18	05/20/14	23.3398	20.052	3.288	3.288

Site Number (C1)	Measurement Date (C235)	Measurement point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
P18		23.3398		#VALUE!	
P19	04/03/14	24.8995	14.132	10.768	10.768
P19	04/08/14	24.8995	15.044	9.856	9.856
P19	04/14/14	24.8995	15.605	9.295	9.295
P19	04/22/14	24.8995	15.908	8.992	8.992
P19	05/02/14	24.8995	16.184	8.716	8.716
P19	05/02/14	24.8995	16.184	8.716	8.716
P19	05/22/14	24.8995	16.640	8.260	8.26
P19		24.8995		#VALUE!	
P2	03/31/14	21.8811		#VALUE!	
P2	04/07/14	21.8811	9.523	12.358	12.358
P2	04/15/14	21.8811	10.075	11.806	11.806
P2	04/21/14	21.8811	10.184	11.697	11.697
P2	05/02/14	21.8811	10.399	11.482	11.482
P2	05/02/14	21.8811	10.399	11.482	11.482
P2	05/20/14	21.8811	10.379	11.502	11.502
P2		21.8811		#VALUE!	
P20	04/03/14	23.9080	14.558	9.350	9.35
P20	04/08/14	23.9080	15.363	8.545	8.545
P20	04/14/14	23.9080	15.686	8.222	8.222
P20	04/22/14	23.9080	16.115	7.793	7.793
P20	05/02/14	23.9080	17.102	6.806	6.806
P20	05/02/14	23.9080	17.102	6.806	6.806
P20	05/22/14	23.9080	16.190	7.718	7.718
P20		23.9080		#VALUE!	
P3	04/04/14	22.6456	14.824	7.822	7.822
P3	04/07/14	22.6456	15.127	7.519	7.519
P3	04/15/14	22.6456	11.561	11.085	11.085
P3	04/21/14	22.6456	10.734	11.912	11.912
P3	05/02/14	22.6456	10.227	12.419	12.419
P3	05/02/14	22.6456	10.227	12.419	12.419
P3	05/20/14	22.6456	9.998	12.648	12.648
P3		22.6456		#VALUE!	
P4	04/04/14	21.7445	11.083	10.662	10.662
P4	04/07/14	21.7445	10.820	10.925	10.925
P4	04/15/14	21.7445	9.875	11.870	11.87
P4	04/21/14	21.7445	9.693	12.052	12.052
P4	04/28/14	21.7445	9.543	12.202	12.202
P4	05/06/14	21.7445	9.495	12.250	12.25
P4	05/20/14	21.7445	9.415	12.330	12.33
P4		21.7445		#VALUE!	

Site Number (C1)	Measurement Date (C235)	Measument point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
P5	03/23/14	19.577		#VALUE!	
P5	03/31/14	19.577		#VALUE!	
P5	04/08/14	19.577		#VALUE!	
P5	04/14/14	19.577	10.536	9.041	9.041
P5	04/21/14	19.577	11.012	8.565	8.565
P5	04/29/14	19.577	11.507	8.070	8.07
P5	05/08/14	19.577	12.032	7.545	7.545
P5	05/21/14	19.577	12.561	7.016	7.016
P6	03/23/14	20.0368		#VALUE!	
P6	03/31/14	20.0368		#VALUE!	
P6	04/08/14	20.0368	12.450	7.587	7.587
P6	04/14/14	20.0368	13.345	6.692	6.692
P6	04/21/14	20.0368	13.713	6.324	6.324
P6	04/29/14	20.0368	14.432	5.605	5.605
P6	05/08/14	20.0368	14.627	5.410	5.41
P6	05/21/14	20.0368	14.332	5.705	5.705
P7	03/31/14	19.338		#VALUE!	
P7	04/07/14	19.338		#VALUE!	
P7	04/14/14	19.338		#VALUE!	
P7	04/22/14	19.338		#VALUE!	
P7	04/29/14	19.338	15.542	3.796	3.796
P7	05/02/14	19.338		#VALUE!	
P7	05/20/14	19.338	15.818	3.520	3.52
P7		19.338		#VALUE!	
P8	03/31/14	18.6723		#VALUE!	
P8	04/07/14	18.6723		#VALUE!	
P8	04/14/14	18.6723		#VALUE!	
P8	04/22/14	18.6723		#VALUE!	
P8	04/29/14	18.6723	17.236	1.436	1.436
P8	05/02/14	18.6723		#VALUE!	
P8	05/20/14	18.6723	15.384	3.288	3.288
P8		18.6723		#VALUE!	
P9	03/23/14	16.5377	9.497	7.041	7.041
P9	04/01/14	16.5377	9.455	7.083	7.083
P9	04/08/14	16.5377	12.160	4.378	4.378
P9	04/14/14	16.5377	12.448	4.090	4.09
P9	04/23/14	16.5377	12.403	4.135	4.135
P9	04/29/14	16.5377	13.121	3.417	3.417
P9	05/08/14	16.5377	12.720	3.818	3.818
P9	05/20/14	16.5377	11.879	4.659	4.659
RC1	03/21/14	14.5009	11.658	3.052	3.052

Site Number (C1)	Measurement Date (C235)	Measument point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
RC1	04/01/14	14.5009	12.682	2.028	2.028
RC1	04/07/14	14.5009		#VALUE!	
RC1	04/15/14	14.5009	11.750	2.960	2.96
RC1	04/24/14	14.5009	11.715	2.995	2.995
RC1	05/08/14	14.5009	11.735	2.975	2.975
RC1	05/22/14	14.5009	11.700	3.010	3.01
RC1		14.5009		#VALUE!	
RC10	03/24/14	12.7182	10.408	2.632	2.632
RC10	04/01/14	12.7182	10.386	2.654	2.654
RC10	04/07/14	12.7182	10.433	2.607	2.607
RC10	04/15/14	12.7182	10.425	2.615	2.615
RC10	04/24/14	12.7182	10.339	2.701	2.701
RC10	05/08/14	12.7182	10.610	2.430	2.43
RC10	05/23/14	12.7182	10.370	2.670	2.67
RC10		12.7182		#VALUE!	
RC11	03/24/14	13.3333		#VALUE!	
RC11	04/01/14	13.3333		#VALUE!	
RC11	04/07/14	13.3333		#VALUE!	
RC11	04/15/14	13.3333		#VALUE!	
RC11	04/21/14	13.3333		#VALUE!	
RC11	04/28/14	13.3333		#VALUE!	
RC11	05/05/14	13.3333		#VALUE!	
RC11	05/23/14	13.3333		#VALUE!	
RC12	03/24/14	13.5597	11.610	3.120	3.12
RC12	04/02/14	13.5597	11.654	3.076	3.076
RC12	04/10/14	13.5597	11.667	3.063	3.063
RC12	04/15/14	13.5597	11.640	3.090	3.09
RC12	04/21/14	13.5597	11.670	3.060	3.06
RC12	04/28/14	13.5597	11.717	3.013	3.013
RC12	05/05/14	13.5597	11.752	2.978	2.978
RC12	05/23/14	13.5597	11.652	3.078	3.078
RC13	03/24/14	10.9647	8.727	2.663	2.663
RC13	04/01/14	10.9648	8.845	2.545	2.545
RC13	04/07/14	10.9649	9.200	2.190	2.19
RC13	04/15/14	10.9650	8.447	2.943	2.943
RC13	04/24/14	10.9651	9.540	1.850	1.85
RC13	05/01/14	10.9652	9.525	1.865	1.865
RC13	05/06/14	10.9653	9.495	1.895	1.895
RC13	05/23/14	10.9654	9.080	2.310	2.31
RC14	03/24/14	11.3232	8.768	2.982	2.982

Site Number (C1)	Measurement Date (C235)	Measument point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
RC14	04/01/14	11.3233	8.895	2.855	2.855
RC14	04/07/14	11.3234	9.358	2.392	2.392
RC14	04/15/14	11.3235	9.610	2.140	2.14
RC14	04/24/14	11.3236	9.650	2.100	2.1
RC14	05/01/14	11.3237	9.612	2.138	2.138
RC14	05/06/14	11.3238	9.665	2.085	2.085
RC14	05/23/14	11.3239	9.175	2.575	2.575
RC15	03/21/14	11.2851	8.599	3.051	3.051
RC15	04/01/14	11.2851	8.626	3.024	3.024
RC15	04/07/14	11.2851	9.035	2.615	2.615
RC15	04/15/14	11.2851	9.405	2.245	2.245
RC15	04/21/14	11.2851	9.450	2.200	2.2
RC15	04/28/14	11.2851	9.514	2.136	2.136
RC15	05/05/14	11.2851	9.477	2.173	2.173
RC15	05/23/14	11.2851	9.170	2.480	2.48
RC16	03/21/14	11.053	8.558	2.842	2.842
RC16	04/01/14	11.053	8.454	2.946	2.946
RC16	04/07/14	11.053	8.777	2.623	2.623
RC16	04/15/14	11.053	9.078	2.322	2.322
RC16	04/21/14	11.053	9.109	2.291	2.291
RC16	04/28/14	11.053	9.158	2.242	2.242
RC16	05/05/14	11.053	9.123	2.277	2.277
RC16	05/23/14	11.053	8.890	2.510	2.51
RC17	03/24/14	10.8142	6.300	4.650	4.65
RC17	04/01/14	10.8142	6.312	4.638	4.638
RC17	04/07/14	10.8142	6.379	4.571	4.571
RC17	04/15/14	10.8142	6.375	4.575	4.575
RC17	04/24/14	10.8142	6.198	4.752	4.752
RC17	05/01/14	10.8142	6.376	4.574	4.574
RC17	05/06/14	10.8142	6.450	4.500	4.5
RC17	05/23/14	10.8142	6.450	4.500	4.5
RC18	03/24/14	10.726		#VALUE!	
RC18	04/01/14	10.726		#VALUE!	
RC18	04/07/14	10.726		#VALUE!	
RC18	04/15/14	10.726		#VALUE!	
RC18	04/24/14	10.726		#VALUE!	
RC18	05/01/14	10.726		#VALUE!	
RC18	05/06/14	10.726		#VALUE!	
RC18	05/23/14	10.726		#VALUE!	
RC2	03/23/14	14.423	11.279	3.301	3.301
RC2	04/01/14	14.423	11.097	3.483	3.483
RC2	04/07/14	14.423	11.274	3.306	3.306
RC2	04/15/14	14.423	11.035	3.545	3.545

Site Number (C1)	Measurement Date (C235)	Measument point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
RC2	04/24/14	14.423	11.153	3.427	3.427
RC2	05/08/14	14.423	11.460	3.120	3.12
RC2	05/22/14	14.423	10.952	3.628	3.628
RC2		14.423		#VALUE!	
RC21	03/21/14	10.2888	5.420	4.910	4.91
RC21	04/01/14	10.2888	5.284	5.046	5.046
RC21	04/07/14	10.2888	5.283	5.047	5.047
RC21	04/15/14	10.2888	5.290	5.040	5.04
RC21	04/24/14	10.2888		#VALUE!	
RC21	05/01/14	10.2888	5.347	4.983	4.983
RC21	05/06/14	10.2888	5.366	4.964	4.964
RC21	05/23/14	10.2888	5.513	4.817	4.817
RC22	03/21/14	10.5544		#VALUE!	
RC22	04/01/14	10.5544		#VALUE!	
RC22	04/07/14	10.5544		#VALUE!	
RC22	04/15/14	10.5544		#VALUE!	
RC22	04/24/14	10.5544	5.699	5.111	5.111
RC22	05/01/14	10.5544	5.730	5.080	5.08
RC22	05/06/14	10.5544	5.915	4.895	4.895
RC22	05/23/14	10.5544	6.433	4.377	4.377
RC23	03/21/14	9.9574	5.581	4.819	4.819
RC23	04/01/14	9.9574	5.581	4.819	4.819
RC23	04/07/14	9.9574	5.607	4.793	4.793
RC23	04/15/14	9.9574	5.846	4.554	4.554
RC23	04/21/14	9.9574	5.918	4.482	4.482
RC23	04/28/14	9.9574	5.903	4.497	4.497
RC23	05/05/14	9.9574	6.233	4.167	4.167
RC23		9.9574		#VALUE!	
RC24	03/21/14	10.192	5.368	4.942	4.942
RC24	04/01/14	10.192	5.364	4.946	4.946
RC24	04/07/14	10.192	5.398	4.912	4.912
RC24	04/15/14	10.192	5.470	4.840	4.84
RC24	04/21/14	10.192	5.525	4.785	4.785
RC24	04/28/14	10.192	5.588	4.722	4.722
RC24	05/05/14	10.192	5.700	4.610	4.61
RC24	05/23/14	10.192	5.944	4.366	4.366
RC25	03/21/14	9.6715	6.537	2.903	2.903
RC25	04/01/14	9.6715	6.439	3.001	3.001
RC25	04/07/14	9.6715	6.566	2.874	2.874
RC25	04/15/14	9.6715	6.747	2.693	2.693
RC25	04/21/14	9.6715	6.938	2.502	2.502

Site Number (C1)	Measurement Date (C235)	Measument point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
RC25	04/28/14	9.6715	7.176	2.264	2.264
RC25	05/05/14	9.6715	7.130	2.310	2.31
RC25	05/23/14	9.6715	7.240	2.200	2.2
RC26	03/21/14	10.3998	4.864	5.876	5.876
RC26	04/01/14	10.3998	4.851	5.889	5.889
RC26	04/07/14	10.3998	4.811	5.929	5.929
RC26	04/15/14	10.3998	4.833	5.907	5.907
RC26	04/24/14	10.3998	4.803	5.937	5.937
RC26	05/01/14	10.3998	4.835	5.905	5.905
RC26	05/06/14	10.3998		#VALUE!	
RC26	05/23/14	10.3998	4.833	5.907	5.907
RC27	03/21/14	10.2999	4.564	5.926	5.926
RC27	04/01/14	10.2999	4.571	5.919	5.919
RC27	04/07/14	10.2999	4.407	6.083	6.083
RC27	04/15/14	10.2999	4.590	5.900	5.9
RC27	04/24/14	10.2999	4.540	5.950	5.95
RC27	05/01/14	10.2999	4.678	5.812	5.812
RC27	05/06/14	10.2999	4.670	5.820	5.82
RC27	05/23/14	10.2999	4.890	5.600	5.6
RC28	03/21/14	10.9287	8.314	2.776	2.776
RC28	04/01/14	10.9287	8.404	2.686	2.686
RC28	04/07/14	10.9287	8.880	2.210	2.21
RC28	04/15/14	10.9287	9.248	1.842	1.842
RC28	04/21/14	10.9287	9.238	1.852	1.852
RC28	04/28/14	10.9287	9.280	1.810	1.81
RC28	05/05/14	10.9287	9.180	1.910	1.91
RC28	05/23/14	10.9287	8.610	2.480	2.48
RC29	03/21/14	11.4375	8.178	3.442	3.442
RC29	04/01/14	11.4375	8.258	3.362	3.362
RC29	04/07/14	11.4375	8.524	3.096	3.096
RC29	04/15/14	11.4375	8.897	2.723	2.723
RC29	04/21/14	11.4375	8.857	2.763	2.763
RC29	04/28/14	11.4375	8.960	2.660	2.66
RC29	05/05/14	11.4375	8.885	2.735	2.735
RC29	05/23/14	11.4375	8.725	2.895	2.895
RC3	03/23/14	15.0258	10.896	4.324	4.324
RC3	04/01/14	15.0258	10.858	4.362	4.362
RC3	04/07/14	15.0258	10.970	4.250	4.25
RC3	04/15/14	15.0258	10.910	4.310	4.31
RC3	04/21/14	15.0258	10.886	4.334	4.334
RC3	04/28/14	15.0258	10.783	4.437	4.437

Site Number (C1)	Measurement Date (C235)	Measument point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
RC3	05/05/14	15.0258	11.110	4.110	4.11
RC3	05/23/14	15.0258	10.910	4.310	4.31
RC4	03/21/14	13.976	9.630	3.310	3.31
RC4	04/01/14	13.976	9.627	3.313	3.313
RC4	04/07/14	13.976	9.684	3.256	3.256
RC4	04/15/14	13.976	9.688	3.252	3.252
RC4	04/21/14	13.976	9.643	3.297	3.297
RC4	04/28/14	13.976	9.668	3.272	3.272
RC4	05/05/14	13.976	9.777	3.163	3.163
RC4	05/23/14	13.976	9.740	3.200	3.2
RC5	03/24/14	12.818	10.548	3.812	3.812
RC5	04/01/14	12.818	10.600	3.760	3.76
RC5	04/07/14	12.818	10.792	3.568	3.568
RC5	04/15/14	12.818	10.704	3.656	3.656
RC5	04/24/14	12.818	10.550	3.810	3.81
RC5	05/06/14	12.818	11.046	3.314	3.314
RC5	05/23/14	12.818	10.689	3.671	3.671
RC5		12.818		#VALUE!	
RC6	03/24/14	12.9062	9.088	3.822	3.822
RC6	04/01/14	12.9062	9.093	3.817	3.817
RC6	04/07/14	12.9062	9.125	3.785	3.785
RC6	04/15/14	12.9062	9.365	3.545	3.545
RC6	04/24/14	12.9062	9.692	3.218	3.218
RC6	05/06/14	12.9062	9.565	3.345	3.345
RC6	05/23/14	12.9062	9.484	3.426	3.426
RC6		12.9062		#VALUE!	
RC7	03/21/14	11.1871	9.594	1.946	1.946
RC7	04/01/14	11.1871	9.540	2.000	2
RC7	04/07/14	11.1871	9.620	1.920	1.92
RC7	04/15/14	11.1871	10.035	1.505	1.505
RC7	04/21/14	11.1871	9.953	1.587	1.587
RC7	04/28/14	11.1871	9.885	1.655	1.655
RC7	05/05/14	11.1871	10.272	1.268	1.268
RC7	05/23/14	11.1871	10.081	1.459	1.459
RC8	03/21/14	12.7263	9.839	3.451	3.451
RC8	04/01/14	12.7263	9.415	3.875	3.875
RC8	04/07/14	12.7263	9.618	3.672	3.672
RC8	04/15/14	12.7263	9.747	3.543	3.543
RC8	04/21/14	12.7263	9.722	3.568	3.568
RC8	04/28/14	12.7263	9.729	3.561	3.561
RC8	05/05/14	12.7263	9.911	3.379	3.379
RC8	05/23/14	12.7263	9.770	3.520	3.52
RC9	03/24/14	13.3452	10.490	3.100	3.1

Site Number (C1)	Measurement Date (C235)	Measurement point elevation (masl)	Water level elevation BGS (m)	Water level depth BGS (m)	Water level depth (m)
RC9	04/01/14	13.3452	10.422	3.168	3.168
RC9	04/07/14	13.3452	10.490	3.100	3.1
RC9	04/15/14	13.3452	10.443	3.147	3.147
RC9	04/24/14	13.3452	10.314	3.276	3.276
RC9	05/08/14	13.3452	10.530	3.060	3.06
RC9	05/23/14	13.3452	10.294	3.296	3.296
RC9		13.3452		#VALUE!	

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
CH-1	03/24/14	1158	PDST	K
CH-1	04/01/14	1520	PDST	K
CH-1	04/07/14	1308	PDST	K
CH-1	04/15/14	1228	PDST	K
CH-1	04/21/14	1151	PDST	K
CH-1	04/28/14	1129	PDST	K
CH-1	05/06/14	1315	PDST	K
CH-1	05/20/14	0956	PDST	K
CH-2	03/24/14	1234	PDST	K
CH-2	04/02/14	1310	PDST	K
CH-2	04/07/14	1326	PDST	K
CH-2	04/15/14	1217	PDST	K
CH-2	04/21/14	1208	PDST	K
CH-2	04/28/14	1157	PDST	K
CH-2	05/06/14	1325	PDST	K
CH-2	05/20/14	0948	PDST	K
CH-3	03/24/14	0907	PDST	K
CH-3	04/01/14	1211	PDST	K
CH-3	04/07/14	1050	PDST	K
CH-3	04/15/14	1117	PDST	K
CH-3	04/24/14	0742	PDST	K
CH-3	05/22/14	1330	PDST	K
CH-3			PDST	K
CH-3			PDST	K
CH-3a	03/24/14	0926	PDST	K
CH-3a	04/01/14	1230	PDST	K
CH-3a	04/07/14	1011	PDST	K
CH-3a	04/15/14	1125	PDST	K
CH-3a	04/24/14	0800	PDST	K
CH-3a	05/22/14	1310	PDST	K
CH-3a			PDST	K
CH-3a			PDST	K
CH-4	03/24/14	0943	PDST	K
CH-4	04/01/14	1237	PDST	K
CH-4	04/07/14	1020	PDST	K
CH-4	04/15/14	1137	PDST	K
CH-4	04/24/14	0807	PDST	K
CH-4	05/22/14	1020	PDST	K
CH-4			PDST	K
CH-4			PDST	K
CH-5	03/24/14	1129	PDST	K
CH-5	04/02/14	1500	PDST	K
CH-5	04/07/14	1422	PDST	K

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
CH-5	04/21/14	1256	PDST	K
CH-5	04/28/14	1222	PDST	K
CH-5	05/06/14	1210	PDST	K
CH-5	05/20/14	1028	PDST	K
CH-6	03/24/14	1054	PDST	K
CH-6	04/02/14	1452	PDST	K
CH-6	04/07/14	1513	PDST	K
CH-6	04/15/14	1144	PDST	K
CH-6	04/21/14	1309	PDST	K
CH-6	04/28/14	1237	PDST	K
CH-6	05/06/14	1236	PDST	K
CH-6	05/20/14	1023	PDST	K
CH-7	03/24/14	0807	PDST	K
CH-7	04/01/14	1022	PDST	K
CH-7	04/07/14	0920	PDST	K
CH-7	04/15/14	1038	PDST	K
CH-7	04/23/14	1353	PDST	K
CH-7	04/29/14	1217	PDST	K
CH-7	05/08/14	1249	PDST	K
CH-7	05/22/14	1223	PDST	K
CH-8	03/24/14	0740	PDST	K
CH-8	04/01/14	1013	PDST	K
CH-8	04/07/14	0904	PDST	K
CH-8	04/15/14	1049	PDST	K
CH-8	04/23/14	1410	PDST	K
CH-8	04/29/14	1147	PDST	K
CH-8	05/08/14	1300	PDST	K
CH-8	05/22/14	1230	PDST	K
MA1	03/22/14	0953	PDST	K
MA1	03/31/14	1305	PDST	K
MA1	04/08/14	1035	PDST	K
MA1	04/14/14	1446	PDST	K
MA1	04/23/14	1108	PDST	K
MA1	04/28/14	1102	PDST	K
MA1	05/05/14	1245	PDST	K
MA1	05/19/14	1328	PDST	K
MA10	03/31/14	1630	PDST	K
MA10	04/08/14	0846	PDST	K
MA10	04/14/14	0934	PDST	K
MA10	04/22/14	0757	PDST	K
MA10	04/29/14		PDST	K
MA10	05/19/14	0936	PDST	K
MA10			PDST	K

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
MA10			PDST	K
MA11	04/03/14	1128	PDST	K
MA11	04/08/14	0900	PDST	K
MA11	04/14/14	0948	PDST	K
MA11	04/22/14	0810	PDST	K
MA11	04/29/14	1150	PDST	K
MA11	05/19/14	0948	PDST	K
MA11			PDST	K
MA11			PDST	K
MA12	03/31/14	1720	PDST	K
MA12	04/08/14	0912	PDST	K
MA12	04/14/14	1000	PDST	K
MA12	04/22/14	0821	PDST	K
MA12	04/29/14		PDST	K
MA12	05/19/14	1010	PDST	K
MA12			PDST	K
MA12			PDST	K
MA13	04/03/14	1042	PDST	K
MA13	04/08/14	0935	PDST	K
MA13	04/14/14	1052	PDST	K
MA13	04/22/14	0852	PDST	K
MA13	04/29/14	1315	PDST	K
MA13	05/19/14	1044	PDST	K
MA13			PDST	K
MA13			PDST	K
MA14	03/31/14	1820	PDST	K
MA14	04/08/14	0946	PDST	K
MA14	04/14/14	1039	PDST	K
MA14	04/22/14	0902	PDST	K
MA14	04/29/14	1304	PDST	K
MA14	05/19/14	1101	PDST	K
MA14			PDST	K
MA14			PDST	K
MA15	03/31/14	1845	PDST	K
MA15	04/08/14	1105	PDST	K
MA15	04/14/14	1027	PDST	K
MA15	04/22/14	0910	PDST	K
MA15	04/29/14	1249	PDST	K
MA15	05/19/14	1054	PDST	K
MA15			PDST	K
MA15			PDST	K
MA2	03/22/14	1036	PDST	K

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
MA2	03/31/14	1321	PDST	K
MA2	04/08/14	1014	PDST	K
MA2	04/14/14	1334	PDST	K
MA2	04/23/14	0857	PDST	K
MA2	04/28/14	0943	PDST	K
MA2	05/05/14	1136	PDST	K
MA2	05/19/14	1341	PDST	K
MA3	03/22/14	1043	PDST	K
MA3	03/31/14	1335	PDST	K
MA3	04/08/14	0931	PDST	K
MA3	04/14/14	1413	PDST	K
MA3	04/23/14	0923	PDST	K
MA3	04/28/14	1000	PDST	K
MA3	05/05/14	1211	PDST	K
MA3	05/19/14	1349	PDST	K
MA4	03/22/14	1102	PDST	K
MA4	03/31/14	1345	PDST	K
MA4	04/08/14	0924	PDST	K
MA4	04/14/14	1400	PDST	K
MA4	04/23/14	1034	PDST	K
MA4	04/28/14	1031	PDST	K
MA4	05/05/14	1153	PDST	K
MA4	05/19/14	1404	PDST	K
MA5	03/31/14	1440	PDST	K
MA5	04/09/14	0837	PDST	K
MA5	04/14/14	0851	PDST	K
MA5	04/22/14	0728	PDST	K
MA5	04/29/14	1108	PDST	K
MA5	05/19/14	1314	PDST	K
MA5			PDST	K
MA5			PDST	K
MA6	03/31/14	1500	PDST	K
MA6	04/08/14	0759	PDST	K
MA6	04/14/14	0830	PDST	K
MA6	04/22/14	0712	PDST	K
MA6	04/29/14	1047	PDST	K
MA6	05/19/14	1305	PDST	K
MA6			PDST	K
MA6			PDST	K
MA7	03/31/14	1443	PDST	K

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
MA7	04/08/14	1110	PDST	K
MA7	04/14/14	1516	PDST	K
MA7	04/23/14	0802	PDST	K
MA7	04/28/14	0844	PDST	K
MA7	05/05/14	1322	PDST	K
MA7	05/19/14	1300	PDST	K
MA7			PDST	K
MA8	04/04/14	1809	PDST	K
MA8	04/08/14	1125	PDST	K
MA8	04/14/14	1539	PDST	K
MA8	04/23/14	0823	PDST	K
MA8	04/28/14	0900	PDST	K
MA8	05/05/14	1346	PDST	K
MA8	05/19/14	1125	PDST	K
MA8			PDST	K
MA9	03/22/14	1225	PDST	K
MA9	03/31/14	1600	PDST	K
MA9	04/08/14	1011	PDST	K
MA9	04/14/14	0918	PDST	K
MA9	04/22/14	0744	PDST	K
MA9	04/29/14		PDST	K
MA9	05/19/14	1036	PDST	K
MA9			PDST	K
N1	03/20/14	0710	PDST	K
N1	03/31/14	0935	PDST	K
N1	04/08/14	0701	PDST	K
N1	04/14/14	0930	PDST	K
N1	04/22/14	1029	PDST	K
N1	04/28/14	1406	PDST	K
N1	05/05/14	0924	PDST	K
N1	05/21/14	1500	PDST	K
N2	03/20/14	0810	PDST	K
N2	03/31/14	0948	PDST	K
N2	04/08/14	0651	PDST	K
N2	04/14/14	0924	PDST	K
N2	04/22/14	0939	PDST	K
N2	04/28/14	1349	PDST	K
N2	05/05/14	0915	PDST	K
N2	05/21/14	1430	PDST	K
N3	03/20/14	0900	PDST	K
N3	03/31/14	1042	PDST	K
N3	04/08/14	0729	PDST	K

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
N3	04/14/14	1036	PDST	K
N3	04/22/14	1330	PDST	K
N3	05/21/14	1254	PDST	K
N3			PDST	K
N3			PDST	K
N4	03/20/14	0935	PDST	K
N4	03/31/14	1050	PDST	K
N4	04/08/14	0715	PDST	K
N4	04/14/14	0945	PDST	K
N4	04/22/14	1258	PDST	K
N4	05/21/14	1248	PDST	K
N4			PDST	K
N4			PDST	K
N5	03/31/14	1140	PDST	K
N5	04/08/14	0812	PDST	K
N5	04/14/14	1115	PDST	K
N5	04/22/14	1424	PDST	K
N5	04/28/14	1236	PDST	K
N5	05/05/14	1002	PDST	K
N5	05/21/14	1110	PDST	K
N5			PDST	K
N6	03/31/14	1158	PDST	K
N6	04/08/14	0801	PDST	K
N6	04/14/14	1135	PDST	K
N6	04/22/14	1434	PDST	K
N6	04/28/14	1252	PDST	K
N6	05/05/14	1026	PDST	K
N6	05/21/14	1125	PDST	K
N6			PDST	K
N7	03/20/14	1228	PDST	K
N7	03/31/14	1240	PDST	K
N7	04/08/14	0849	PDST	K
N7	04/14/14	1251	PDST	K
N7	04/22/14	1734	PDST	K
N7	04/28/14	1152	PDST	K
N7	05/05/14	1117	PDST	K
N7	05/21/14	1010	PDST	K
N8	03/22/14	1321	PDST	K
N8	03/31/14	1244	PDST	K

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
N8	04/08/14	0840	PDST	K
N8	04/14/14	1201	PDST	K
N8	04/22/14	1711	PDST	K
N8	04/28/14	1135	PDST	K
N8	05/05/14	1105	PDST	K
N8	05/21/14	0958	PDST	K
P1	03/23/14	1051	PDST	K
P1	03/31/14	1540	PDST	K
P1	04/08/14	1241	PDST	K
P1	04/15/14	0805	PDST	K
P1	04/21/14	1002	PDST	K
P1	04/29/14	0851	PDST	K
P1	05/08/14	0818	PDST	K
P1	05/21/14	1007	PDST	K
P10	03/23/14	1230	PDST	K
P10	04/01/14	1103	PDST	K
P10	04/11/14	0930	PDST	K
P10	04/14/14	0958	PDST	K
P10	04/23/14	1317	PDST	K
P10	04/29/14	1050	PDST	K
P10	05/08/14	1229	PDST	K
P10	05/20/14	1115	PDST	K
P11	04/01/14	1450	PDST	K
P11	04/07/14	1600	PDST	K
P11	04/15/14	1050	PDST	K
P11	04/21/14	1338	PDST	K
P11	04/28/14	1304	PDST	K
P11	05/06/14	1133	PDST	K
P11	05/20/14	1138	PDST	K
P11			PDST	K
P12	04/01/14	1440	PDST	K
P12	04/07/14	1545	PDST	K
P12	04/15/14	1037	PDST	K
P12	04/21/14	1355	PDST	K
P12	04/28/14	1316	PDST	K
P12	05/06/14	1119	PDST	K
P12	05/20/14	1153	PDST	K
P12			PDST	K
P13	04/01/14	1225	PDST	K
P13	04/07/14	1809	PDST	K
P13	04/14/14	1329	PDST	K
P13	04/21/14	1632	PDST	K
P13	05/06/14	0754	PDST	K

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
P13	05/20/14	1430	PDST	K
P13			PDST	K
P13			PDST	K
P14	04/01/14	1147	PDST	K
P14	04/08/14	1348	PDST	K
P14	04/14/14	1412	PDST	K
P14	04/22/14	0946	PDST	K
P14	05/08/14	0649	PDST	K
P14	05/22/14	0817	PDST	K
P14			PDST	K
P14			PDST	K
P15	04/01/14	0826	PDST	K
P15	04/08/14	1148	PDST	K
P15	04/14/14	1608	PDST	K
P15	04/23/14	1146	PDST	K
P15	04/29/14	0808	PDST	K
P15	05/08/14	0715	PDST	K
P15	05/22/14	0845	PDST	K
P15			PDST	K
P16	04/01/14	0807	PDST	K
P16	04/08/14	1210	PDST	K
P16	04/14/14	1630	PDST	K
P16	04/23/14	1204	PDST	K
P16	04/29/14	0832	PDST	K
P16	05/08/14	0730	PDST	K
P16			PDST	K
P16			PDST	K
P17	04/01/14	1343	PDST	K
P17	04/08/14	1434	PDST	K
P17	04/15/14	0810	PDST	K
P17	04/21/14	1603	PDST	K
P17	04/28/14	1415	PDST	K
P17	05/02/14	1154	PDST	K
P17	05/20/14	1231	PDST	K
P17			PDST	K
P18	04/01/14		PDST	K
P18	04/08/14	1256	PDST	K
P18	04/14/14	1208	PDST	K
P18	04/22/14	1043	PDST	K
P18	04/28/14	1431	PDST	K
P18	05/02/14	1050	PDST	K
P18	05/20/14	1218	PDST	K

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
P18			PDST	K
P19	04/03/14	1247	PDST	K
P19	04/08/14	1225	PDST	K
P19	04/14/14	1252	PDST	K
P19	04/22/14	1033	PDST	K
P19	05/02/14	0937	PDST	K
P19	05/02/14	0937	PDST	K
P19	05/22/14	0936	PDST	K
P19			PDST	K
P2	03/31/14		PDST	K
P2	04/07/14	1659	PDST	K
P2	04/15/14	0847	PDST	K
P2	04/21/14	1500	PDST	K
P2	05/02/14	1258	PDST	K
P2	05/02/14	1258	PDST	K
P2	05/20/14	1310	PDST	K
P2			PDST	K
P20	04/03/14	1229	PDST	K
P20	04/08/14	1206	PDST	K
P20	04/14/14	1258	PDST	K
P20	04/22/14	1023	PDST	K
P20	05/02/14	0920	PDST	K
P20	05/02/14	0920	PDST	K
P20	05/22/14	0930	PDST	K
P20			PDST	K
P3	04/04/14	1118	PDST	K
P3	04/07/14	1715	PDST	K
P3	04/15/14	0905	PDST	K
P3	04/21/14	1451	PDST	K
P3	05/02/14	1240	PDST	K
P3	05/02/14	1240	PDST	K
P3	05/20/14	1320	PDST	K
P3			PDST	K
P4	04/04/14	1138	PDST	K
P4	04/07/14	1732	PDST	K
P4				
P4	04/15/14	0918	PDST	K
P4	04/21/14	1532	PDST	K
P4	04/28/14	1348	PDST	K
P4	05/06/14	0920	PDST	K
P4	05/20/14	1325	PDST	K
P4			PDST	K

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
P5	03/23/14	1150	PDST	K
P5	03/31/14	1609	PDST	K
P5	04/08/14	1304	PDST	K
P5	04/14/14	0903	PDST	K
P5	04/21/14	1310	PDST	K
P5	04/29/14	0948	PDST	K
P5	05/08/14	0840	PDST	K
P5	05/21/14	1110	PDST	K
P6	03/23/14	1122	PDST	K
P6	03/31/14	1617	PDST	K
P6	04/08/14	1313	PDST	K
P6	04/14/14	0855	PDST	K
P6	04/21/14	1328	PDST	K
P6	04/29/14	0919	PDST	K
P6	05/08/14	0902	PDST	K
P6	05/21/14	1103	PDST	K
P7	03/31/14		PDST	K
P7	04/07/14		PDST	K
P7	04/14/14		PDST	K
P7	04/22/14		PDST	K
P7	04/29/14	0835	PDST	K
P7	05/02/14		PDST	K
P7	05/20/14	1231	PDST	K
P7			PDST	K
P8	03/31/14		PDST	K
P8	04/07/14		PDST	K
P8	04/14/14		PDST	K
P8	04/22/14		PDST	K
P8	04/29/14	0859	PDST	K
P8	05/02/14		PDST	K
P8	05/20/14	1218	PDST	K
P8			PDST	K
P9	03/23/14	1250	PDST	K
P9	04/01/14	1111	PDST	K
P9	04/08/14	1348	PDST	K
P9	04/14/14	0940	PDST	K
P9	04/23/14	1253	PDST	K
P9	04/29/14	1034	PDST	K
P9	05/08/14	1127	PDST	K
P9	05/20/14	1130	PDST	K
RC1	03/21/14	1851	PDST	K

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
RC1	04/01/14	1310	PDST	K
RC1	04/07/14	1058	PDST	K
RC1	04/15/14	1224	PDST	K
RC1	04/24/14	0904	PDST	K
RC1	05/08/14	1334	PDST	K
RC1	05/22/14	1355	PDST	K
RC1			PDST	K
RC10	03/24/14	1515	PDST	K
RC10	04/01/14	1359	PDST	K
RC10	04/07/14	1201	PDST	K
RC10	04/15/14	1258	PDST	K
RC10	04/24/14	0958	PDST	K
RC10	05/08/14	1541	PDST	K
RC10	05/23/14	1315	PDST	K
RC10			PDST	K
RC11	03/24/14	1517	PDST	K
RC11	04/01/14	1150	PDST	K
RC11	04/07/14	1128	PDST	K
RC11	04/15/14	1320	PDST	K
RC11	04/21/14	1037	PDST	K
RC11	04/28/14	1042	PDST	K
RC11	05/05/14	0935	PDST	K
RC11	05/23/14	1228	PDST	K
RC12	03/24/14	1340	PDST	K
RC12	04/02/14	1200	PDST	K
RC12	04/10/14	1408	PDST	K
RC12	04/15/14	1331	PDST	K
RC12	04/21/14	1024	PDST	K
RC12	04/28/14	1029	PDST	K
RC12	05/05/14	0926	PDST	K
RC12	05/23/14	1234	PDST	K
RC13	03/24/14	1717	PDST	K
RC13	04/01/14	1504	PDST	K
RC13	04/07/14	1303	PDST	K
RC13	04/15/14	1358	PDST	K
RC13	04/24/14	1111	PDST	K
RC13	05/01/14	0835	PDST	K
RC13	05/06/14	1227	PDST	K
RC13	05/23/14	1400	PDST	K
RC14	03/24/14	1744	PDST	K

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
RC14	04/01/14	1513	PDST	K
RC14	04/07/14	1314	PDST	K
RC14	04/15/14	1349	PDST	K
RC14	04/24/14	1100	PDST	K
RC14	05/01/14	0854	PDST	K
RC14	05/06/14	1243	PDST	K
RC14	05/23/14	1353	PDST	K
RC15	03/21/14	1549	PDST	K
RC15	04/01/14	1720	PDST	K
RC15	04/07/14	1018	PDST	K
RC15	04/15/14	1435	PDST	K
RC15	04/21/14	0850	PDST	K
RC15	04/28/14	0855	PDST	K
RC15	05/05/14	1119	PDST	K
RC15	05/23/14	1040	PDST	K
RC16	03/21/14	1643	PDST	K
RC16	04/01/14	1730	PDST	K
RC16	04/07/14	1028	PDST	K
RC16	04/15/14	1448	PDST	K
RC16	04/21/14	0902	PDST	K
RC16	04/28/14	0907	PDST	K
RC16	05/05/14	1129	PDST	K
RC16	05/23/14	1046	PDST	K
RC17	03/24/14	1720	PDST	K
RC17	04/01/14	1542	PDST	K
RC17	04/07/14	1331	PDST	K
RC17	04/15/14	1425	PDST	K
RC17	04/24/14	1131	PDST	K
RC17	05/01/14	0917	PDST	K
RC17	05/06/14	1136	PDST	K
RC17	05/23/14	1415	PDST	K
RC18	03/24/14	1743	PDST	K
RC18	04/01/14	1552	PDST	K
RC18	04/07/14	1340	PDST	K
RC18	04/15/14	1416	PDST	K
RC18	04/24/14	1147	PDST	K
RC18	05/01/14	0933	PDST	K
RC18	05/06/14	1204	PDST	K
RC18	05/23/14	1422	PDST	K
RC2	03/23/14	1613	PDST	K
RC2	04/01/14	1322	PDST	K
RC2	04/07/14	1128	PDST	K
RC2	04/15/14	1236	PDST	K

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
RC2	04/24/14	0924	PDST	K
RC2	05/08/14	1348	PDST	K
RC2	05/22/14	1400	PDST	K
RC2			PDST	K
RC21	03/21/14	1036	PDST	K
RC21	04/01/14	1632	PDST	K
RC21	04/07/14	1408	PDST	K
RC21	04/15/14	1446	PDST	K
RC21	04/24/14	1236	PDST	K
RC21	05/01/14	1020	PDST	K
RC21	05/06/14	1107	PDST	K
RC21	05/23/14	0833	PDST	K
RC22	03/21/14	1104	PDST	K
RC22	04/01/14	1639	PDST	K
RC22	04/07/14	1413	PDST	K
RC22	04/15/14	1440	PDST	K
RC22	04/24/14	1216	PDST	K
RC22	05/01/14	1010	PDST	K
RC22	05/06/14	1050	PDST	K
RC22	05/23/14	0840	PDST	K
RC23	03/21/14	1151	PDST	K
RC23	04/01/14	1820	PDST	K
RC23	04/07/14	0850	PDST	K
RC23	04/15/14	1627	PDST	K
RC23	04/21/14	0754	PDST	K
RC23	04/28/14	0756	PDST	K
RC23	05/05/14	1232	PDST	K
RC23			PDST	K
RC24	03/21/14	1240	PDST	K
RC24	04/01/14	1815	PDST	K
RC24	04/07/14	0900	PDST	K
RC24	04/15/14	1600	PDST	K
RC24	04/21/14	0814	PDST	K
RC24	04/28/14	0817	PDST	K
RC24	05/05/14	1246	PDST	K
RC24	05/23/14	0950	PDST	K
RC25	03/21/14	1415	PDST	K
RC25	04/01/14	1640	PDST	K
RC25	04/07/14	0932	PDST	K
RC25	04/15/14	1548	PDST	K
RC25	04/21/14	0829	PDST	K

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
RC25	04/28/14	0834	PDST	K
RC25	05/05/14	1302	PDST	K
RC25	05/23/14	1000	PDST	K
RC26	03/21/14	0808	PDST	K
RC26	04/01/14	1611	PDST	K
RC26	04/07/14	1433	PDST	K
RC26	04/15/14	1515	PDST	K
RC26	04/24/14	1255	PDST	K
RC26	05/01/14	1040	PDST	K
RC26	05/06/14	0946	PDST	K
RC26	05/23/14	0815	PDST	K
RC27	03/21/14	0903	PDST	K
RC27	04/01/14	1619	PDST	K
RC27	04/07/14	1445	PDST	K
RC27	04/15/14	1500	PDST	K
RC27	04/24/14	1313	PDST	K
RC27	05/01/14	1056	PDST	K
RC27	05/06/14	1014	PDST	K
RC27	05/23/14	0820	PDST	K
RC28	03/21/14	1523	PDST	K
RC28	04/01/14	1740	PDST	K
RC28	04/07/14	1003	PDST	K
RC28	04/15/14	1502	PDST	K
RC28	04/21/14	0917	PDST	K
RC28	04/28/14	0918	PDST	K
RC28	05/05/14	1101	PDST	K
RC28	05/23/14	1020	PDST	K
RC29	03/21/14	1449	PDST	K
RC29	04/01/14	1800	PDST	K
RC29	04/07/14	0945	PDST	K
RC29	04/15/14	1516	PDST	K
RC29	04/21/14	0929	PDST	K
RC29	04/28/14	0932	PDST	K
RC29	05/05/14	1047	PDST	K
RC29	05/23/14	1016	PDST	K
RC3	03/23/14	1710	PDST	K
RC3	04/01/14	1550	PDST	K
RC3	04/07/14	1240	PDST	K
RC3	04/15/14	1300	PDST	K
RC3	04/21/14	1111	PDST	K
RC3	04/28/14	1109	PDST	K

Site Number (C1)	Measurement Date (C235)	Measurement Time (C709)	WL Time Datum Code (C402)	WL Time Datum Reliability (269)
RC3	05/05/14	0900	PDST	K
RC3	05/23/14	1258	PDST	K
RC4	03/21/14	1827	PDST	K
RC4	04/01/14	1540	PDST	K
RC4	04/07/14	1251	PDST	K
RC4	04/15/14	1245	PDST	K
RC4	04/21/14	1008	PDST	K
RC4	04/28/14	1058	PDST	K
RC4	05/05/14	0840	PDST	K
RC4	05/23/14	1250	PDST	K
RC5	03/24/14	1554	PDST	K
RC5	04/01/14	1419	PDST	K
RC5	04/07/14	1220	PDST	K
RC5	04/15/14	1330	PDST	K
RC5	04/24/14	10.24	PDST	K
RC5	05/06/14	1329	PDST	K
RC5	05/23/14	1320	PDST	K
RC5			PDST	K
RC6	03/24/14	1635	PDST	K
RC6	04/01/14	1430	PDST	K
RC6	04/07/14	1233	PDST	K
RC6	04/15/14	1321	PDST	K
RC6	04/24/14	10.38	PDST	K
RC6	05/06/14	1314	PDST	K
RC6	05/23/14	1325	PDST	K
RC6			PDST	K
RC7	03/21/14	1744	PDST	K
RC7	04/01/14	1634	PDST	K
RC7	04/07/14	1059	PDST	K
RC7	04/15/14	1415	PDST	K
RC7	04/21/14	0957	PDST	K
RC7	04/28/14	1007	PDST	K
RC7	05/05/14	1026	PDST	K
RC7	05/23/14	1148	PDST	K
RC8	03/21/14	1713	PDST	K
RC8	04/01/14	1620	PDST	K
RC8	04/07/14	1049	PDST	K
RC8	04/15/14	1402	PDST	K
RC8	04/21/14	0948	PDST	K
RC8	04/28/14	0954	PDST	K
RC8	05/05/14	1012	PDST	K
RC8	05/23/14	1137	PDST	K
RC9	03/24/14	1429	PDST	K

<b>Site Number (C1)</b>	<b>Measurement Date (C235)</b>	<b>Measurement Time (C709)</b>	<b>WL Time Datum Code (C402)</b>	<b>WL Time Datum Reliability (269)</b>
RC9	04/01/14	1351	PDST	K
RC9	04/07/14	1149	PDST	K
RC9	04/15/14	1307	PDST	K
RC9	04/24/14	1009	PDST	K
RC9	05/08/14	1553	PDST	K
RC9	05/23/14	1310	PDST	K
RC9			PDST	K

Site Number (C1)	Measurement Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
CH-1	03/24/14	M	6.19	44	M	2	
CH-1	04/01/14	M	6.262	44	M	2	
CH-1	04/07/14	M	6.091	44	M	2	
CH-1	04/15/14	M	6.212	44	M	2	
CH-1	04/21/14	M	6.165	44	M	2	
CH-1	04/28/14	M	6.100	44	M	2	
CH-1	05/06/14	M	5.912	44	M	2	
CH-1	05/20/14	M	5.960	44	M	2	
CH-2	03/24/14	M	4.79	45	M	2	
CH-2	04/02/14	M	4.819	45	M	2	
CH-2	04/07/14	M	4.598	45	M	2	
CH-2	04/15/14	M	4.772	45	M	2	
CH-2	04/21/14	M	4.738	45	M	2	
CH-2	04/28/14	M	4.668	45	M	2	
CH-2	05/06/14	M	4.439	45	M	2	
CH-2	05/20/14	M	4.695	45	M	2	
CH-3	03/24/14	M	3.085	46	M	2	
CH-3	04/01/14	M	3.081	46	M	2	
CH-3	04/07/14	M	2.933	46	M	2	
CH-3	04/15/14	M	3.049	46	M	2	
CH-3	04/24/14	M	3.032	46	M	2	
CH-3	05/22/14	M	3.045	46	M	2	
CH-3		M		46	M	2	
CH-3		M		46	M	2	
CH-3a	03/24/14	M	3.375	47	M	2	
CH-3a	04/01/14	M	3.384	47	M	2	
CH-3a	04/07/14	M	3.363	47	M	2	
CH-3a	04/15/14	M	3.359	47	M	2	
CH-3a	04/24/14	M	3.318	47	M	2	
CH-3a	05/22/14	M	4.376	47	M	2	
CH-3a		M		47	M	2	
CH-3a		M		47	M	2	
CH-4	03/24/14	M	2.42	48	M	2	
CH-4	04/01/14	M	2.428	48	M	2	
CH-4	04/07/14	M	2.349	48	M	2	
CH-4	04/15/14	M	2.376	48	M	2	
CH-4	04/24/14	M	2.368	48	M	2	
CH-4	05/22/14	M	2.031	48	M	2	
CH-4		M		48	M	2	
CH-4		M		48	M	2	
CH-5	03/24/14	M	3.952	49	M	2	
CH-5	04/02/14	M	6.215	49	M	2	
CH-5	04/07/14	M	3.648	49	M	2	

Site Number (C1)	Measurement Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
CH-5	04/21/14	M	3.310	62	M	2	
CH-5	04/28/14	M	3.240	62	M	2	
CH-5	05/06/14	M	2.935	49	M	2	
CH-5	05/20/14	M	3.322	49	M	2	
CH-6	03/24/14	M	2.10	50	M	2	
CH-6	04/02/14	M	2.094	50	M	2	
CH-6	04/07/14	M	0.560	50	M	2	
CH-6	04/15/14	M	1.302	50	M	2	
CH-6	04/21/14	M	1.381	63	M	2	
CH-6	04/28/14	M	0.943	63	M	2	
CH-6	05/06/14	M	0.91	50	M	2	
CH-6	05/20/14	M	1.511	50	M	2	
CH-7	03/24/14	M	6.73	51	M	2	
CH-7	04/01/14	M	6.732	51	M	2	
CH-7	04/07/14	M	5.564	51	M	2	
CH-7	04/15/14	M	6.238	51	M	2	
CH-7	04/23/14	M	6.285	64	M	2	
CH-7	04/29/14	M	5.380	64	M	2	
CH-7	05/08/14	M	6.095	51	M	2	
CH-7	05/22/14	M	6.397	51	M	2	
CH-8	03/24/14	M	6.915	52	M	2	
CH-8	04/01/14	M	6.922	52	M	2	
CH-8	04/07/14	M	6.577	52	M	2	
CH-8	04/15/14	M	6.65	52	M	2	
CH-8	04/23/14	M	6.660	65	M	2	
CH-8	04/29/14	M	6.355	65	M	2	
CH-8	05/08/14	M	6.427	52	M	2	
CH-8	05/22/14	M	6.365	52	M	2	
MA1	03/22/14	M	7.71	9	M	2	
MA1	03/31/14	M	7.612	9	M	2	
MA1	04/08/14	M	7.363	9	M	2	
MA1	04/14/14	M	7.318	9	M	2	
MA1	04/23/14	M	7.160	9	M	2	
MA1	04/28/14	M	7.046	9	M	2	
MA1	05/05/14	M	6.920	9	M	2	
MA1	05/19/14	M	6.74	9	M	2	
MA10	03/31/14	M	11.945	18	M	2	Z
MA10	04/08/14	M	11.450	18	M	2	Z
MA10	04/14/14	M	11.065	18	M	2	Z
MA10	04/22/14	M	10.640	18	M	2	Z
MA10	04/29/14	M	10.351	18	M	2	
MA10	05/19/14	M	10.113	18	M	2	
MA10		M		18	M	2	

Site Number (C1)	Measurement Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
MA10		M		18	M	2	
MA11	04/03/14	M	10.205	19	M	2	
MA11	04/08/14	M	9.430	19	M	2	
MA11	04/14/14	M	8.845	19	M	2	
MA11	04/22/14	M	8.302	19	M	2	
MA11	04/29/14	M	8.082	19	M	2	
MA11	05/19/14	M	8.293	19	M	2	
MA11		M		19	M	2	
MA11		M		19	M	2	
MA12	03/31/14	M	3.722	20	M	2	
MA12	04/08/14	M	3.661	20	M	2	
MA12	04/14/14	M	3.812	20	M	2	
MA12	04/22/14	M	4.117	20	M	2	
MA12	04/29/14	M		20	M	2	
MA12	05/19/14	M	6.786	20	M	2	
MA12		M		20	M	2	
MA12		M		20	M	2	
MA13	04/03/14	M	9.310	21	M	2	D
MA13	04/08/14	M	9.168	21	M	2	
MA13	04/14/14	M	9.058	21	M	2	
MA13	04/22/14	M	8.872	21	M	2	
MA13	04/29/14	M	9.090	21	M	2	
MA13	05/19/14	M	9.923	21	M	2	
MA13		M		21	M	2	D
MA13		M		21	M	2	
MA14	03/31/14	M	9.150	22	M	2	
MA14	04/08/14	M	7.025	22	M	2	
MA14	04/14/14	M	7.230	22	M	2	
MA14	04/22/14	M	7.275	22	M	2	
MA14	04/29/14	M	8.130	22	M	2	
MA14	05/19/14	M	9.703	22	M	2	
MA14		M		22	M	2	D
MA14		M		22	M	2	
MA15	03/31/14	M		23	M	2	F
MA15	04/08/14	M	2.793	23	M	2	
MA15	04/14/14	M	3.305	23	M	2	
MA15	04/22/14	M	3.746	23	M	2	
MA15	04/29/14	M	5.120	23	M	2	
MA15	05/19/14	M	9.095	23	M	2	
MA15		M		23	M	2	D
MA15		M		23	M	2	
MA2	03/22/14	M		10	M	2	

Site Number (C1)	Measurement Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
MA2	03/31/14	M	4.376	10	M	2	
MA2	04/08/14	M	4.044	10	M	2	
MA2	04/14/14	M	3.87	10	M	2	
MA2	04/23/14	M	3.602	10	M	2	
MA2	04/28/14	M	4.532	10	M	2	
MA2	05/05/14	M	3.500	10	M	2	
MA2	05/19/14	M	3.435	10	M	2	
MA3	03/22/14	M	7.635	11	M	2	D
MA3	03/31/14	M	7.146	11	M	2	
MA3	04/08/14	M	6.342	11	M	2	
MA3	04/14/14	M	5.935	11	M	2	
MA3	04/23/14	M	5.835	11	M	2	
MA3	04/28/14	M	5.862	11	M	2	
MA3	05/05/14	M	5.943	11	M	2	
MA3	05/19/14	M	6.015	11	M	2	
MA4	03/22/14	M		12	M	2	D
MA4	03/31/14	M		12	M	2	F
MA4	04/08/14	M		12	M	2	F
MA4	04/14/14	M		12	M	2	F
MA4	04/23/14	M		12	M	2	F
MA4	04/28/14	M		12	M	2	F
MA4	05/05/14	M	0.224	12	M	2	
MA4	05/19/14	M	0.985	12	M	2	
MA5	03/31/14	M		13	M	2	D
MA5	04/09/14	M	9.434	13	M	2	
MA5	04/14/14	M	9.341	13	M	2	F
MA5	04/22/14	M	9.172	13	M	2	
MA5	04/29/14	M		13	M	2	
MA5	05/19/14	M	8.899	13	M	2	
MA5		M		13	M	2	
MA5		M		13	M	2	
MA6	03/31/14	M		14	M	2	D
MA6	04/08/14	M	7.182	14	M	2	
MA6	04/14/14	M	6.950	14	M	2	
MA6	04/22/14	M	6.745	14	M	2	
MA6	04/29/14	M	6.658	14	M	2	
MA6	05/19/14	M	6.64	14	M	2	
MA6		M		14	M	2	D
MA6		M		14	M	2	
MA7	03/31/14	M	6.514	15	M	2	

Site Number (C1)	Measurement Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
MA7	04/08/14	M	5.132	15	M	2	
MA7	04/14/14	M	6.248	15	M	2	
MA7	04/23/14	M	6.421	15	M	2	
MA7	04/28/14	M	6.425	15	M	2	
MA7	05/05/14	M	6.495	15	M	2	
MA7	05/19/14	M	6.622	15	M	2	
MA7		M		15	M	2	D
MA8	04/04/14	M	8.703	16	M	2	
MA8	04/08/14	M	8.408	16	M	2	
MA8	04/14/14	M	8.022	16	M	2	
MA8	04/23/14	M	7.654	16	M	2	
MA8	04/28/14	M	7.554	16	M	2	
MA8	05/05/14	M	7.443	16	M	2	
MA8	05/19/14	M	7.642	16	M	2	
MA8		M		16	M	2	
MA9	03/22/14	M	8.295	17	M	2	
MA9	03/31/14	M	3.672	17	M	2	
MA9	04/08/14	M	3.690	17	M	2	
MA9	04/14/14	M	3.860	17	M	2	
MA9	04/22/14	M	4.110	17	M	2	Z
MA9	04/29/14	M		17	M	2	
MA9	05/19/14	M	5.794	17	M	2	
MA9		M		17	M	2	
N1	03/20/14	M	6.730	1	M	2	
N1	03/31/14	M	5.360	1	M	2	
N1	04/08/14	M	5.467	1	M	2	
N1	04/14/14	M	5.840	1	M	2	
N1	04/22/14	M	6.195	1	M	2	
N1	04/28/14	M	6.365	1	M	2	
N1	05/05/14	M	6.505	1	M	2	
N1	05/21/14	M	6.738	1	M	2	
N2	03/20/14	M	5.906	2	M	2	
N2	03/31/14	M	3.042	2	M	2	
N2	04/08/14	M	4.540	2	M	2	
N2	04/14/14	M	4.806	2	M	2	
N2	04/22/14	M	5.455	2	M	2	
N2	04/28/14	M	5.613	2	M	2	
N2	05/05/14	M	5.695	2	M	2	
N2	05/21/14	M	5.89	2	M	2	
N3	03/20/14	M	3.912	3	M	2	Z
N3	03/31/14	M	6.886	3	M	2	Z
N3	04/08/14	M	6.698	3	M	2	Z

Site Number (C1)	Measure ment Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
N3	04/14/14	M		3	M	2	
N3	04/22/14	M	6.782	3	M	2	
N3	05/21/14	M	7.13	3	M	2	
N3		M		3	M	2	Z
N3		M		3	M	2	Z
N4	03/20/14	M	4.050	4	M	2	
N4	03/31/14	M		4	M	2	F
N4	04/08/14	M	2.065	4	M	2	
N4	04/14/14	M	2.718	4	M	2	
N4	04/22/14	M	3.251	4	M	2	
N4	05/21/14	M	3.70	4	M	2	
N4		M		4	M	2	Z
N4		M		4	M	2	Z
N5	03/31/14	M	2.282	5	M	2	
N5	04/08/14	M	2.045	5	M	2	
N5	04/14/14	M	2.323	5	M	2	
N5	04/22/14	M	2.575	5	M	2	
N5	04/28/14	M	2.873	5	M	2	
N5	05/05/14	M	3.025	5	M	2	
N5	05/21/14	M	3.278	5	M	2	
N5		M		5	M	2	
N6	03/31/14	M		6	M	2	F
N6	04/08/14	M	0.947	6	M	2	
N6	04/14/14	M	1.642	6	M	2	
N6	04/22/14	M	2.010	6	M	2	
N6	04/28/14	M	2.643	6	M	2	
N6	05/05/14	M	2.515	6	M	2	
N6	05/21/14	M	2.757	6	M	2	
N6		M		6	M	2	
N7	03/20/14	M	6.646	7	M	2	
N7	03/31/14	M		7	M	2	F
N7	04/08/14	M	2.782	7	M	2	
N7	04/14/14	M	3.852	7	M	2	
N7	04/22/14	M	4.304	7	M	2	
N7	04/28/14	M	4.516	7	M	2	
N7	05/05/14	M	4.710	7	M	2	
N7	05/21/14	M	4.858	7	M	2	
N8	03/22/14	M	6.656	8	M	2	
N8	03/31/14	M		8	M	2	F

Site Number (C1)	Measurement Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
N8	04/08/14	M	1.881	8	M	2	
N8	04/14/14	M	2.666	8	M	2	
N8	04/22/14	M	3.172	8	M	2	
N8	04/28/14	M	3.356	8	M	2	
N8	05/05/14	M	3.770	8	M	2	
N8	05/21/14	M	3.924	8	M	2	
P1	03/23/14	M		24	M	2	D
P1	03/31/14	M	11.204	24	M	2	
P1	04/08/14	M	5.081	24	M	2	
P1	04/15/14	M	5.741	24	M	2	
P1	04/21/14	M	6.034	24	M	2	
P1	04/29/14	M	4.958	24	M	2	
P1	05/08/14	M	5.517	24	M	2	
P1	05/21/14	M	7.278	24	M	2	
P10	03/23/14	M	5.074	33	M	2	
P10	04/01/14	M	6.093	33	M	2	
P10	04/11/14	M	1.004	33	M	2	
P10	04/14/14	M	0.556	33	M	2	F
P10	04/23/14	M		33	M	2	F
P10	04/29/14	M		33	M	2	Z
P10	05/08/14	M		33	M	2	Z
P10	05/20/14	M	2.708	33	M	2	
P11	04/01/14	M	7.550	34	M	2	
P11	04/07/14	M	3.532	34	M	2	
P11	04/15/14	M	3.552	34	M	2	
P11	04/21/14	M	4.173	34	M	2	
P11	04/28/14	M	2.957	34	M	2	
P11	05/06/14	M	3.656	34	M	2	
P11	05/20/14	M	5.02	34	M	2	
P11		M		34	M	2	
P12	04/01/14	M	6.550	35	M	2	
P12	04/07/14	M	5.957	35	M	2	
P12	04/15/14	M	5.503	35	M	2	
P12	04/21/14	M	5.265	35	M	2	
P12	04/28/14	M	5.150	35	M	2	
P12	05/06/14	M	4.771	35	M	2	
P12	05/20/14	M	4.755	35	M	2	
P12		M		35	M	2	
P13	04/01/14	M	13.521	36	M	2	
P13	04/07/14	M	12.267	36	M	2	
P13	04/14/14	M	11.962	36	M	2	
P13	04/21/14	M	11.745	36	M	2	
P13	05/06/14	M	13.908	36	M	2	

Site Number (C1)	Measure ment Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
P13	05/20/14	M	14.756	36	M	2	
P13		M		36	M	2	
P13		M	13.071	36	M	2	
P14	04/01/14	M		37	M	2	F
P14	04/08/14	M	7.275	37	M	2	
P14	04/14/14	M	7.222	37	M	2	
P14	04/22/14	M	7.477	37	M	2	
P14	05/08/14	M	9.735	37	M	2	
P14	05/22/14	M	10.698	37	M	2	
P14		M		37	M	2	
P14		M		37	M	2	
P15	04/01/14	M	5.586	38	M	2	
P15	04/08/14	M	6.383	38	M	2	
P15	04/14/14	M	7.311	38	M	2	
P15	04/23/14	M	7.850	38	M	2	
P15	04/29/14	M	8.300	38	M	2	
P15	05/08/14	M	8.862	38	M	2	
P15	05/22/14	M	9.599	38	M	2	
P15		M		38	M	2	O
P16	04/01/14	M		39	M	2	Z
P16	04/08/14	M		39	M	2	Z
P16	04/14/14	M		39	M	2	O
P16	04/23/14	M		39	M	2	D
P16	04/29/14	M		39	M	2	O
P16	05/08/14	M		39	M	2	O
P16		M		39	M	2	
P16		M		39	M	2	
P17	04/01/14	M	12.405	40	M	2	
P17	04/08/14	M	10.962	40	M	2	
P17	04/15/14	M	10.230	40	M	2	
P17	04/21/14	M	9.825	40	M	2	
P17	04/28/14	M	9.515	40	M	2	
P17	05/02/14	M	9.351	40	M	2	
P17	05/20/14	M	3.52	40	M	2	
P17		M		40	M	2	
P18	04/01/14	M		41	M	2	F
P18	04/08/14	M	5.162	41	M	2	
P18	04/14/14	M	4.388	41	M	2	
P18	04/22/14	M	4.025	41	M	2	
P18	04/28/14	M		41	M	2	
P18	05/02/14	M	3.841	41	M	2	
P18	05/20/14	M	3.288	41	M	2	

Site Number (C1)	Measure ment Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
P18		M		41	M	2	
P19	04/03/14	M	10.768	42	M	2	
P19	04/08/14	M	9.856	42	M	2	
P19	04/14/14	M	9.295	42	M	2	
P19	04/22/14	M	8.992	42	M	2	
P19	05/02/14	M	8.716	42	M	2	
P19	05/02/14	M	8.716	42	M	2	
P19	05/22/14	M	8.26	42	M	2	
P19		M		42	M	2	
P2	03/31/14	M		25	M	2	F
P2	04/07/14	M	12.358	25	M	2	
P2	04/15/14	M	11.806	25	M	2	
P2	04/21/14	M	11.697	25	M	2	
P2	05/02/14	M	11.482	25	M	2	
P2	05/02/14	M	11.482	25	M	2	
P2	05/20/14	M	11.502	25	M	2	
P2		M		25	M	2	
P20	04/03/14	M	9.350	43	M	2	
P20	04/08/14	M	8.545	43	M	2	
P20	04/14/14	M	8.222	43	M	2	
P20	04/22/14	M	7.793	43	M	2	
P20	05/02/14	M	6.806	43	M	2	
P20	05/02/14	M	6.806	43	M	2	
P20	05/22/14	M	7.718	43	M	2	
P20		M		43	M	2	
P3	04/04/14	M	7.822	26	M	2	
P3	04/07/14	M	7.519	26	M	2	
P3	04/15/14	M	11.085	26	M	2	
P3	04/21/14	M	11.912	26	M	2	
P3	05/02/14	M	12.419	26	M	2	
P3	05/02/14	M	12.419	26	M	2	
P3	05/20/14	M	12.648	26	M	2	
P3		M		26	M	2	
P4	04/04/14	M	10.662	27	M	2	
P4	04/07/14	M	10.925	27	M	2	
P4	04/15/14	M	11.870	27	M	2	F
P4	04/21/14	M	12.052	27	M	2	
P4	04/28/14	M	12.202	27	M	2	
P4	05/06/14	M	12.25	27	M	2	
P4	05/20/14	M	12.33	27	M	2	
P4		M		27	M	2	

Site Number (C1)	Measurement Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
P5	03/23/14	M		28	M	2	D
P5	03/31/14	M		28	M	2	D
P5	04/08/14	M		28	M	2	D
P5	04/14/14	M	9.041	28	M	2	F
P5	04/21/14	M	8.565	28	M	2	
P5	04/29/14	M	8.070	28	M	2	D
P5	05/08/14	M	7.545	28	M	2	
P5	05/21/14	M	7.016	28	M	2	
P6	03/23/14	M		29	M	2	D
P6	03/31/14	M		29	M	2	D
P6	04/08/14	M	7.587	29	M	2	
P6	04/14/14	M	6.692	29	M	2	
P6	04/21/14	M	6.324	29	M	2	
P6	04/29/14	M	5.605	29	M	2	
P6	05/08/14	M	5.410	29	M	2	
P6	05/21/14	M	5.705	29	M	2	
P7	03/31/14	M		30	M	2	F
P7	04/07/14	M		30	M	2	Z
P7	04/14/14	M		30	M	2	F
P7	04/22/14	M		30	M	2	F
P7	04/29/14	M	3.796	30	M	2	
P7	05/02/14	M		30	M	2	F
P7	05/20/14	M	3.52	30	M	2	
P7		M		30	M	2	
P8	03/31/14	M		31	M	2	F
P8	04/07/14	M		31	M	2	Z
P8	04/14/14	M		31	M	2	F
P8	04/22/14	M		31	M	2	F
P8	04/29/14	M	1.436	31	M	2	
P8	05/02/14	M		31	M	2	F
P8	05/20/14	M	3.288	31	M	2	
P8		M		31	M	2	
P9	03/23/14	M	7.041	32	M	2	
P9	04/01/14	M	7.083	32	M	2	
P9	04/08/14	M	4.378	32	M	2	
P9	04/14/14	M	4.090	32	M	2	
P9	04/23/14	M	4.135	32	M	2	
P9	04/29/14	M	3.417	32	M	2	
P9	05/08/14	M	3.818	32	M	2	
P9	05/20/14	M	4.659	32	M	2	
RC1	03/21/14	M	3.052	53	M	2	D

Site Number (C1)	Measurement Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
RC1	04/01/14	M	2.028	53	M	2	
RC1	04/07/14	M		53	M	2	D
RC1	04/15/14	M	2.960	53	M	2	
RC1	04/24/14	M	2.995	66	M	2	
RC1	05/08/14	M	2.975	53	M	2	Z
RC1	05/22/14	M	3.01	53	M	2	
RC1		M		66	M	2	
RC10	03/24/14	M	2.632	62	M	2	
RC10	04/01/14	M	2.654	62	M	2	
RC10	04/07/14	M	2.607	62	M	2	
RC10	04/15/14	M	2.615	62	M	2	
RC10	04/24/14	M	2.701	75	M	2	
RC10	05/08/14	M	2.430	62	M	2	
RC10	05/23/14	M	2.67	62	M	2	
RC10		M		75	M	2	
RC11	03/24/14	M		63	M	2	D
RC11	04/01/14	M		63	M	2	D
RC11	04/07/14	M		63	M	2	D
RC11	04/15/14	M		63	M	2	D
RC11	04/21/14	M		76	M	2	D
RC11	04/28/14	M		76	M	2	D
RC11	05/05/14	M		63	M	2	D
RC11	05/23/14	M		63	M	2	
RC12	03/24/14	M	3.12	64	M	2	
RC12	04/02/14	M	3.076	64	M	2	
RC12	04/10/14	M	3.063	64	M	2	
RC12	04/15/14	M	3.090	64	M	2	
RC12	04/21/14	M	3.060	77	M	2	
RC12	04/28/14	M	3.013	77	M	2	
RC12	05/05/14	M	2.978	64	M	2	
RC12	05/23/14	M	3.078	64	M	2	
RC13	03/24/14	M	2.663	65	M	2	
RC13	04/01/14	M	2.545	65	M	2	
RC13	04/07/14	M	2.190	65	M	2	
RC13	04/15/14	M	2.943	65	M	2	
RC13	04/24/14	M	1.850	78	M	2	
RC13	05/01/14	M	1.865	78	M	2	
RC13	05/06/14	M	1.895	65	M	2	
RC13	05/23/14	M	2.31	65	M	2	
RC14	03/24/14	M	2.982	66	M	2	

Site Number (C1)	Measurement Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
RC14	04/01/14	M	2.855	66	M	2	
RC14	04/07/14	M	2.392	66	M	2	
RC14	04/15/14	M	2.14	66	M	2	
RC14	04/24/14	M	2.100	79	M	2	
RC14	05/01/14	M	2.138	79	M	2	
RC14	05/06/14	M	2.085	66	M	2	
RC14	05/23/14	M	2.575	66	M	2	
RC15	03/21/14	M	3.051	67	M	2	
RC15	04/01/14	M	3.024	67	M	2	
RC15	04/07/14	M	2.615	67	M	2	
RC15	04/15/14	M	2.245	67	M	2	
RC15	04/21/14	M	2.200	80	M	2	
RC15	04/28/14	M	2.136	80	M	2	
RC15	05/05/14	M	2.173	67	M	2	
RC15	05/23/14	M	2.48	67	M	2	
RC16	03/21/14	M	2.842	68	M	2	O
RC16	04/01/14	M	2.946	68	M	2	
RC16	04/07/14	M	2.623	68	M	2	
RC16	04/15/14	M	2.322	68	M	2	
RC16	04/21/14	M	2.291	81	M	2	
RC16	04/28/14	M	2.242	81	M	2	
RC16	05/05/14	M	2.277	68	M	2	
RC16	05/23/14	M	2.51	68	M	2	
RC17	03/24/14	M	4.650	69	M	2	
RC17	04/01/14	M	4.638	69	M	2	
RC17	04/07/14	M	4.571	69	M	2	
RC17	04/15/14	M	4.575	69	M	2	
RC17	04/24/14	M	4.752	82	M	2	
RC17	05/01/14	M	4.574	82	M	2	
RC17	05/06/14	M	4.500	69	M	2	
RC17	05/23/14	M	4.50	69	M	2	
RC18	03/24/14	M		70	M	2	D
RC18	04/01/14	M		70	M	2	D
RC18	04/07/14	M		70	M	2	D
RC18	04/15/14	M		70	M	2	D
RC18	04/24/14	M		83	M	2	D
RC18	05/01/14	M		83	M	2	D
RC18	05/06/14	M		70	M	2	D
RC18	05/23/14	M		70	M	2	
RC2	03/23/14	M	3.301	54	M	2	
RC2	04/01/14	M	3.483	54	M	2	
RC2	04/07/14	M	3.306	54	M	2	
RC2	04/15/14	M	3.545	54	M	2	

Site Number (C1)	Measurement Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
RC2	04/24/14	M	3.427	67	M	2	
RC2	05/08/14	M	3.120	54	M	2	
RC2	05/22/14	M	3.628	54	M	2	
RC2		M		67	M	2	
RC21	03/21/14	M	4.910	71	M	2	D
RC21	04/01/14	M	5.046	71	M	2	
RC21	04/07/14	M	5.047	71	M	2	Z
RC21	04/15/14	M	5.04	71	M	2	
RC21	04/24/14	M		84	M	2	D
RC21	05/01/14	M	4.983	84	M	2	Z
RC21	05/06/14	M	4.964	71	M	2	
RC21	05/23/14	M	4.817	71	M	2	
RC22	03/21/14	M		72	M	2	D
RC22	04/01/14	M		72	M	2	D
RC22	04/07/14	M		72	M	2	D
RC22	04/15/14	M		72	M	2	D
RC22	04/24/14	M	5.111	85	M	2	
RC22	05/01/14	M	5.080	85	M	2	Z
RC22	05/06/14	M	4.895	72	M	2	
RC22	05/23/14	M	4.377	72	M	2	
RC23	03/21/14	M	4.819	73	M	2	
RC23	04/01/14	M	4.819	73	M	2	
RC23	04/07/14	M	4.793	73	M	2	
RC23	04/15/14	M	4.554	73	M	2	
RC23	04/21/14	M	4.482	86	M	2	
RC23	04/28/14	M	4.497	86	M	2	
RC23	05/05/14	M	4.167	73	M	2	
RC23		M		73	M	2	
RC24	03/21/14	M	4.942	74	M	2	
RC24	04/01/14	M	4.946	74	M	2	
RC24	04/07/14	M	4.912	74	M	2	
RC24	04/15/14	M	4.840	74	M	2	
RC24	04/21/14	M	4.785	87	M	2	
RC24	04/28/14	M	4.722	87	M	2	
RC24	05/05/14	M	4.61	74	M	2	
RC24	05/23/14	M	4.366	74	M	2	
RC25	03/21/14	M	2.903	75	M	2	
RC25	04/01/14	M	3.001	75	M	2	
RC25	04/07/14	M	2.874	75	M	2	
RC25	04/15/14	M	2.693	75	M	2	
RC25	04/21/14	M	2.502	88	M	2	

Site Number (C1)	Measurement Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
RC25	04/28/14	M	2.264	88	M	2	
RC25	05/05/14	M	2.31	75	M	2	
RC25	05/23/14	M	2.20	75	M	2	
RC26	03/21/14	M	5.876	76	M	2	
RC26	04/01/14	M	5.889	76	M	2	
RC26	04/07/14	M	5.929	76	M	2	Z
RC26	04/15/14	M	5.907	76	M	2	F
RC26	04/24/14	M	5.937	89	M	2	
RC26	05/01/14	M	5.905	89	M	2	Z
RC26	05/06/14	M		76	M	2	D
RC26	05/23/14	M	5.907	76	M	2	
RC27	03/21/14	M	5.926	77	M	2	
RC27	04/01/14	M	5.919	77	M	2	
RC27	04/07/14	M	6.083	77	M	2	
RC27	04/15/14	M	5.90	77	M	2	z
RC27	04/24/14	M	5.950	90	M	2	
RC27	05/01/14	M	5.812	90	M	2	
RC27	05/06/14	M	5.820	77	M	2	
RC27	05/23/14	M	5.60	77	M	2	
RC28	03/21/14	M	2.776	78	M	2	Z
RC28	04/01/14	M	2.686	78	M	2	
RC28	04/07/14	M	2.210	78	M	2	
RC28	04/15/14	M	1.842	78	M	2	
RC28	04/21/14	M	1.852	91	M	2	
RC28	04/28/14	M	1.810	91	M	2	
RC28	05/05/14	M	1.91	78	M	2	
RC28	05/23/14	M	2.48	78	M	2	
RC29	03/21/14	M	3.442	79	M	2	Z
RC29	04/01/14	M	3.362	79	M	2	
RC29	04/07/14	M	3.096	79	M	2	
RC29	04/15/14	M	2.723	79	M	2	
RC29	04/21/14	M	2.763	92	M	2	
RC29	04/28/14	M	2.660	92	M	2	
RC29	05/05/14	M	2.735	79	M	2	
RC29	05/23/14	M	2.895	79	M	2	
RC3	03/23/14	M	4.324	55	M	2	
RC3	04/01/14	M	4.362	55	M	2	
RC3	04/07/14	M	4.25	55	M	2	
RC3	04/15/14	M	4.310	55	M	2	
RC3	04/21/14	M	4.334	68	M	2	
RC3	04/28/14	M	4.437	68	M	2	

Site Number (C1)	Measurement Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
RC3	05/05/14	M	4.11	55	M	2	
RC3	05/23/14	M	4.31	55	M	2	
RC4	03/21/14	M	3.310	56	M	2	
RC4	04/01/14	M	3.313	56	M	2	
RC4	04/07/14	M	3.256	56	M	2	
RC4	04/15/14	M	3.252	56	M	2	
RC4	04/21/14	M	3.297	69	M	2	
RC4	04/28/14	M	3.272	69	M	2	
RC4	05/05/14	M	3.163	56	M	2	
RC4	05/23/14	M	3.20	56	M	2	
RC5	03/24/14	M	3.812	57	M	2	
RC5	04/01/14	M	3.760	57	M	2	
RC5	04/07/14	M	3.568	57	M	2	
RC5	04/15/14	M	3.656	57	M	2	
RC5	04/24/14	M	3.810	70	M	2	
RC5	05/06/14	M	3.314	57	M	2	
RC5	05/23/14	M	3.671	57	M	2	
RC5		M		70	M	2	
RC6	03/24/14	M	3.822	58	M	2	
RC6	04/01/14	M	3.817	58	M	2	
RC6	04/07/14	M	3.785	58	M	2	
RC6	04/15/14	M	3.545	58	M	2	
RC6	04/24/14	M	3.218	71	M	2	
RC6	05/06/14	M	3.345	58	M	2	
RC6	05/23/14	M	3.426	58	M	2	
RC6		M		71	M	2	
RC7	03/21/14	M	1.946	59	M	2	
RC7	04/01/14	M	2.000	59	M	2	
RC7	04/07/14	M	1.920	59	M	2	
RC7	04/15/14	M	1.505	59	M	2	
RC7	04/21/14	M	1.587	72	M	2	
RC7	04/28/14	M	1.655	72	M	2	
RC7	05/05/14	M	1.268	59	M	2	
RC7	05/23/14	M	1.459	59	M	2	
RC8	03/21/14	M	3.451	60	M	2	
RC8	04/01/14	M	3.875	60	M	2	
RC8	04/07/14	M	3.672	60	M	2	
RC8	04/15/14	M	3.543	60	M	2	
RC8	04/21/14	M	3.568	73	M	2	
RC8	04/28/14	M	3.561	73	M	2	
RC8	05/05/14	M	3.379	60	M	2	
RC8	05/23/14	M	3.52	60	M	2	
RC9	03/24/14	M	3.10	61	M	2	

Site Number (C1)	Measure ment Date (C235)	Level Type Code (C243)	WL Below MP (C241)	WLBMP Sequence Number (C248)	WL Units	WL Accuracy (C276)	WL Status (C238)
RC9	04/01/14	M	3.168	61	M	2	
RC9	04/07/14	M	3.100	61	M	2	
RC9	04/15/14	M	3.147	61	M	2	
RC9	04/24/14	M	3.276	74	M	2	
RC9	05/08/14	M	3.060	61	M	2	
RC9	05/23/14	M	3.296	61	M	2	
RC9		M		74	M	2	

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
CH-1	03/24/14	HOBO 10434436	V	G
CH-1	04/01/14		V	R,H
CH-1	04/07/14		V	R, H
CH-1	04/15/14	HOBO 10434436	V	H-R
CH-1	04/21/14	HOBO 10434436	V	
CH-1	04/28/14	HOBO 10434436	V	
CH-1	05/06/14	HOBO 10434436	V	
CH-1	05/20/14	HOBO 10434436	V	
CH-2	03/24/14	HOBO 1043441	V	G
CH-2	04/02/14	HOBO 1043441	V	R,H
CH-2	04/07/14	HOBO 1043441	V	R, H
CH-2	04/15/14	HOBO 1043441	V	H-R
CH-2	04/21/14	HOBO 1043441	V	
CH-2	04/28/14	HOBO 1043441	V	R
CH-2	05/06/14	HOBO 1043441	V	
CH-2	05/20/14	HOBO 1043441	V	
CH-3	03/24/14	HOBO 10462688	V	G
CH-3	04/01/14	HOBO 10462688	V	G,E
CH-3	04/07/14	HOBO 10462688	V	G, G
CH-3	04/15/14	HOBO 10462688	V	G-T
CH-3	04/24/14	HOBO 10462688	V	
CH-3	05/22/14	HOBO 10462688	V	
CH-3		HOBO 10462688	V	
CH-3		HOBO 10462688	V	
CH-3a	03/24/14	HOBO 10416859	V	G
CH-3a	04/01/14		V	G,E
CH-3a	04/07/14		V	G, G
CH-3a	04/15/14	HOBO 10416859	V	G-T
CH-3a	04/24/14	HOBO 10416859	V	
CH-3a	05/22/14	HOBO 10416859	V	
CH-3a		HOBO 10416859	V	
CH-3a		HOBO 10416859	V	
CH-4	03/24/14	HOBO 10462682	V	G
CH-4	04/01/14	HOBO 10462682	V	G,E
CH-4	04/07/14	HOBO 10462682	V	G, G
CH-4	04/15/14	HOBO 10462682	V	G-T
CH-4	04/24/14	HOBO 10462682	V	
CH-4	05/22/14	HOBO 10462682	V	
CH-4		HOBO 10462682	V	
CH-4		HOBO 10462682	V	
CH-5	03/24/14	HOBO 10395432	V	G
CH-5	04/02/14		V	R,H
CH-5	04/07/14		V	R, H

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
CH-5	04/21/14	HOBO 10395432	V	
CH-5	04/28/14	HOBO 10395432	V	R
CH-5	05/06/14	HOBO 10395432	V	
CH-5	05/20/14	HOBO 10395432	V	
CH-6	03/24/14	HOBO 10434443	V	G
CH-6	04/02/14	HOBO 10434443	V	R,H
CH-6	04/07/14	HOBO 10434443	V	R, H
CH-6	04/15/14	HOBO 10434443	V	H-R
CH-6	04/21/14	HOBO 10434443	V	
CH-6	04/28/14	HOBO 10434443	V	R
CH-6	05/06/14	HOBO 10434443	V	
CH-6	05/20/14	HOBO 10434443	V	
CH-7	03/24/14	SOLINST 62031840	V	G
CH-7	04/01/14	SOLINST 62031840	V	G,E
CH-7	04/07/14	SOLINST 62031840	V	G, G
CH-7	04/15/14	SOLINST 62031840	V	G-R
CH-7	04/23/14	HOBO 106203184	V	
CH-7	04/29/14		V	G
CH-7	05/08/14	SOLINST 62031840	V	
CH-7	05/22/14	SOLINST 62031840	V	
CH-8	03/24/14	HOBO 10395431	V	G
CH-8	04/01/14		V	G,E
CH-8	04/07/14		V	G, G
CH-8	04/15/14	HOBO 10395431	V	G-R
CH-8	04/23/14	HOBO 10395431	V	
CH-8	04/29/14		V	G
CH-8	05/08/14	HOBO 10395431	V	
CH-8	05/22/14	HOBO 10395431	V	
MA1	03/22/14	HOBO 10434444	V	G
MA1	03/31/14		V	G,E
MA1	04/08/14		V	G, R
MA1	04/14/14	HOBO 10434444	V	G-R
MA1	04/23/14	HOBO 10434444	V	
MA1	04/28/14	HOBO 10434444	V	G,H
MA1	05/05/14	HOBO 10434444	V	
MA1	05/19/14	HOBO 10434444	V	
MA10	03/31/14		V	R,H
MA10	04/08/14		V	R, H
MA10	04/14/14	HOBO 10405195	V	H-R
MA10	04/22/14	HOBO 10405195	V	
MA10	04/29/14	HOBO 10405195	V	
MA10	05/19/14	HOBO 10405195	V	
MA10		HOBO 10405195	V	G

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
MA10		HOBO 10405195	V	
MA11	04/03/14		V	R,H
MA11	04/08/14		V	R, H
MA11	04/14/14	HOBO 10047991	V	H-R
MA11	04/22/14	HOBO 10047991	V	
MA11	04/29/14	HOBO 10047991	V	
MA11	05/19/14	HOBO 10047991	V	
MA11		HOBO 10047991	V	G
MA11		HOBO 10047991	V	
MA12	03/31/14	SOLINST 2031315	V	R,H
MA12	04/08/14	SOLINST 2031315	V	R, H
MA12	04/14/14	SOLINST 2031315	V	H-R
MA12	04/22/14	SOLINST 2031315	V	
MA12	04/29/14	SOLINST 2031315	V	
MA12	05/19/14	SOLINST 2031315	V	
MA12		SOLINST 2031315	V	G
MA12		SOLINST 2031315	V	
MA13	04/03/14		V	R,H
MA13	04/08/14		V	R, H
MA13	04/14/14	HOBO 10405166	V	H-R
MA13	04/22/14	HOBO 10405166	V	
MA13	04/29/14	HOBO 10405166	V	
MA13	05/19/14	HOBO 10405166	V	
MA13		HOBO 10405166	V	G
MA13		HOBO 10405166	V	
MA14	03/31/14		V	R,H
MA14	04/08/14		V	R, H
MA14	04/14/14	HOBO 10405167	V	H-R
MA14	04/22/14	HOBO 10405167	V	
MA14	04/29/14	HOBO 10405167	V	
MA14	05/19/14	HOBO 10405167	V	
MA14		HOBO 10405167	V	G
MA14		HOBO 10405167	V	
MA15	03/31/14	HOBO 10047986	V	R,H
MA15	04/08/14	HOBO 10047986	V	R, H
MA15	04/14/14	HOBO 10047986	V	H-R
MA15	04/22/14	HOBO 10047986	V	
MA15	04/29/14	HOBO 10047986	V	
MA15	05/19/14	HOBO 10047986	V	
MA15		HOBO 10047986	V	G
MA15		HOBO 10047986	V	
MA2	03/22/14	HOBO 10434437	V	G

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
MA2	03/31/14		V	G,E
MA2	04/08/14		V	G, R
MA2	04/14/14	HOBO 10434437	V	G-R
MA2	04/23/14	HOBO 10434437	V	
MA2	04/28/14	HOBO 10434437	V	G,H
MA2	05/05/14	HOBO 10434437	V	
MA2	05/19/14	HOBO 10434437	V	
MA3	03/22/14	SOLINST 2030314	V	G
MA3	03/31/14	SOLINST 2030314	V	G,E
MA3	04/08/14	SOLINST 2030314	V	G, R
MA3	04/14/14	SOLINST 2030314	V	G-R
MA3	04/23/14	SOLINST 2030314	V	
MA3	04/28/14	SOLINST 2030314	V	G,H
MA3	05/05/14	SOLINST 2030314	V	
MA3	05/19/14	SOLINST 2030314	V	
MA4	03/22/14	HOBO 9858427	V	G
MA4	03/31/14	HOBO 9858427	V	G,E
MA4	04/08/14	HOBO 9858427	V	G, R
MA4	04/14/14	HOBO 9858427	V	G-R
MA4	04/23/14	HOBO 9858427	V	
MA4	04/28/14	HOBO 9858427	V	G,H
MA4	05/05/14	HOBO 9858427	V	
MA4	05/19/14	HOBO 9858427	V	
MA5	03/31/14		V	R,H
MA5	04/09/14		V	R, H
MA5	04/14/14	HOBO 10405163	V	H-R
MA5	04/22/14	HOBO 10405163	V	
MA5	04/29/14	HOBO 10405163	V	
MA5	05/19/14	HOBO 10405163	V	
MA5		HOBO 10405163	V	G
MA5		HOBO 10405163	V	
MA6	03/31/14	HOBO 10444954	V	R,H
MA6	04/08/14	HOBO 10444954	V	R, H
MA6	04/14/14	HOBO 10444954	V	H-R
MA6	04/22/14	HOBO 10444954	V	
MA6	04/29/14	HOBO 10444954	V	
MA6	05/19/14	HOBO 10444954	V	
MA6		HOBO 10444954	V	G
MA6		HOBO 10444954	V	
MA7	03/31/14	HOBO 9940004	V	G,E

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
MA7	04/08/14	HOBO 9940004	V	G, R
MA7	04/14/14	HOBO 9940004	V	G-R
MA7	04/23/14	HOBO 9940004	V	
MA7	04/28/14	HOBO 9940004	V	G,H
MA7	05/05/14	HOBO 9940004	V	
MA7	05/19/14	HOBO 9940004	V	
MA7		HOBO 9940004	V	G
MA8	04/04/14		V	G,E
MA8	04/08/14		V	G, R
MA8	04/14/14	HOBO 10462683	V	G-R
MA8	04/23/14	HOBO 10462683	V	
MA8	04/28/14	HOBO 10462683	V	G,H
MA8	05/05/14	HOBO 10462683	V	
MA8	05/19/14	HOBO 10462683	V	
MA8		HOBO 10462683	V	G
MA9	03/22/14	HOBO 9940000	V	G
MA9	03/31/14	HOBO 9940000	V	R,H
MA9	04/08/14	HOBO 9940000	V	R, H
MA9	04/14/14	HOBO 9940000	V	H-R
MA9	04/22/14	HOBO 9940000	V	
MA9	04/29/14	HOBO 9940000	V	
MA9	05/19/14	HOBO 9940000	V	
MA9		HOBO 9940000	V	
N1	03/20/14	SOLINST 2030737	V	G
N1	03/31/14	SOLINST 2030737	V	G,E
N1	04/08/14	SOLINST 2030737	V	G, R
N1	04/14/14	SOLINST 2030737	V	G-R
N1	04/22/14	SOLINST 2030737	V	
N1	04/28/14	SOLINST 2030737	V	G,H
N1	05/05/14	SOLINST 2030737	V	
N1	05/21/14	SOLINST 2030737	V	
N2	03/20/14	HOBO 9782025	V	G
N2	03/31/14	HOBO 9782025	V	G,E
N2	04/08/14	HOBO 9782025	V	G, R
N2	04/14/14	HOBO 9782025	V	G-R
N2	04/22/14	HOBO 9782025	V	
N2	04/28/14	HOBO 9782025	V	G,H
N2	05/05/14	HOBO 9782025	V	
N2	05/21/14	HOBO 9782025	V	
N3	03/20/14	HOBO 10444952	V	G
N3	03/31/14		V	G,E
N3	04/08/14		V	G, R

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
N3	04/14/14	HOBO 10444952	V	
N3	04/22/14	HOBO 10444952	V	
N3	05/21/14	HOBO 10444952	V	
N3		HOBO 10444952	V	
N3		HOBO 10444952	V	
N4	03/20/14	SOLINST 2030738	V	G
N4	03/31/14	SOLINST 2030738	V	G,E
N4	04/08/14	SOLINST 2030738	V	G, R
N4	04/14/14	SOLINST 2030738	V	G-R
N4	04/22/14	SOLINST 2030738	V	
N4	05/21/14	SOLINST 2030738	V	
N4		SOLINST 2030738	V	
N4		SOLINST 2030738	V	
N5	03/31/14		V	G,E
N5	04/08/14		V	G, R
N5	04/14/14	SOLINST 62031317	V	G-R
N5	04/22/14	SOLINST 62031317	V	
N5	04/28/14	SOLINST 62031317	V	G,H
N5	05/05/14	SOLINST 62031317	V	
N5	05/21/14	SOLINST 62031317	V	
N5		SOLINST 62031317	V	G
N6	03/31/14	HOBO 9782031	V	G,E
N6	04/08/14	HOBO 9782031	V	G, R
N6	04/14/14	HOBO 9782031	V	G-R
N6	04/22/14	HOBO 9782031	V	
N6	04/28/14	HOBO 9782031	V	G,H
N6	05/05/14	HOBO 9782031	V	
N6	05/21/14	HOBO 9782031	V	
N6		HOBO 9782031	V	G
N7	03/20/14	HOBO 10405204	V	G
N7	03/31/14		V	G,E
N7	04/08/14		V	G, R
N7	04/14/14	HOBO 10405204	V	G-R
N7	04/22/14	HOBO 10405204	V	
N7	04/28/14	HOBO 10405204	V	G,H
N7	05/05/14	HOBO 10405204	V	
N7	05/21/14	HOBO 10405204	V	
N8	03/22/14	HOBO 9858420	V	G
N8	03/31/14	HOBO 9858420	V	G,E

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
N8	04/08/14	HOBO 9858420	V	G, R
N8	04/14/14	HOBO 9858420	V	G-R
N8	04/22/14	HOBO 9858420	V	
N8	04/28/14	HOBO 9858420	V	G,H
N8	05/05/14	HOBO 9858420	V	
N8	05/21/14	HOBO 9858420	V	
P1	03/23/14	SOLINST 62030741	V	G
P1	03/31/14	SOLINST 62030741	V	G,E
P1	04/08/14	SOLINST 62030741	V	G, R
P1	04/15/14	SOLINST 62030741	V	G-R
P1	04/21/14	SOLINST 62030741	V	
P1	04/29/14	SOLINST 62030741	V	G
P1	05/08/14	SOLINST 62030741	V	
P1	05/21/14	SOLINST 62030741	V	
P10	03/23/14	HOBO 104005165	V	G
P10	04/01/14	HOBO 104005165	V	G,E
P10	04/11/14	HOBO 104005165	V	G, R
P10	04/14/14	HOBO 104005165	V	G
P10	04/23/14	HOBO 104005165	V	
P10	04/29/14	HOBO 104005165	V	G
P10	05/08/14	HOBO 104005165	V	
P10	05/20/14	HOBO 104005165	V	
P11	04/01/14	HOBO 9858424	V	R,H
P11	04/07/14	HOBO 9858424	V	R, H
P11	04/15/14	HOBO 9858424	V	H-R
P11	04/21/14	HOBO 9858424	V	
P11	04/28/14	HOBO 9858424	V	
P11	05/06/14	HOBO 9858424	V	
P11	05/20/14	HOBO 9858424	V	
P11		HOBO 9858424	V	G
P12	04/01/14		V	R,H
P12	04/07/14		V	R, H
P12	04/15/14	HOBO 9858424	V	H-R
P12	04/21/14	HOBO 9858424	V	
P12	04/28/14	HOBO 9858424	V	
P12	05/06/14	HOBO 9858424	V	
P12	05/20/14	HOBO 9858424	V	
P12		HOBO 9858424	V	G
P13	04/01/14	HOBO 10405199	V	R,H
P13	04/07/14	HOBO 10405199	V	R, H
P13	04/14/14	HOBO 10405199	V	H-R
P13	04/21/14	HOBO 10405199	V	
P13	05/06/14	HOBO 10405199	V	

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
P13	05/20/14	HOBO 10405199	V	
P13		HOBO 10405199	V	G
P13		HOBO 10405199	V	
P14	04/01/14		V	R,H
P14	04/08/14		V	R, H
P14	04/14/14	HOBO 9924979	V	H-R
P14	04/22/14	HOBO 9924979	V	
P14	05/08/14	HOBO 9924979	V	
P14	05/22/14	HOBO 9924979	V	
P14		HOBO 9924979	V	G
P14		HOBO 9924979	V	
P15	04/01/14	SOLINST 62030745	V	G,E
P15	04/08/14	SOLINST 62030745	V	G, H
P15	04/14/14	SOLINST 62030745	V	G-R
P15	04/23/14	SOLINST 62030745	V	
P15	04/29/14	SOLINST 62030745	V	G
P15	05/08/14	SOLINST 62030745	V	
P15	05/22/14	SOLINST 62030745	V	
P15		SOLINST 62030745	V	G
P16	04/01/14		V	G,E
P16	04/08/14		V	R, H
P16	04/14/14	HOBO 10434447	V	G-R
P16	04/23/14	HOBO 10434447	V	
P16	04/29/14	HOBO 10434447	V	G
P16	05/08/14	HOBO 10434447	V	
P16		HOBO 10434447	V	G
P16		HOBO 10434447	V	
P17	04/01/14	HOBO 10279520	V	R,H
P17	04/08/14	HOBO 10279520	V	R, H
P17	04/15/14	HOBO 10279520	V	H-R
P17	04/21/14	HOBO 10279520	V	
P17	04/28/14	HOBO 10279520	V	R
P17	05/02/14	HOBO 10279520	V	
P17	05/20/14	HOBO 10279520	V	
P17		HOBO 10279520	V	G
P18	04/01/14		V	R,H
P18	04/08/14		V	R, H
P18	04/14/14	HOBO 10434442	V	H-R
P18	04/22/14	HOBO 10434442	V	
P18	04/28/14	HOBO 10434442	V	R
P18	05/02/14	HOBO 10434442	V	
P18	05/20/14	HOBO 10434442	V	

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
P18		HOBO 10434442	V	G
P19	04/03/14	HOBO 10462687	V	R,H
P19	04/08/14	HOBO 10462687	V	R, H
P19	04/14/14	HOBO 10462687	V	H-R
P19	04/22/14	HOBO 10462687	V	
P19	05/02/14	HOBO 10462687	V	R
P19	05/02/14	HOBO 10462687	V	
P19	05/22/14	HOBO 10462687	V	
P19		HOBO 10462687	V	G
P2	03/31/14	HOBO 9774390	V	R,H
P2	04/07/14	HOBO 9774390	V	R, H
P2	04/15/14	HOBO 9774390	V	H-R
P2	04/21/14	HOBO 9774390	V	
P2	05/02/14	HOBO 9774390	V	R
P2	05/02/14	HOBO 9774390	V	
P2	05/20/14	HOBO 9774390	V	
P2		HOBO 9774390	V	G
P20	04/03/14	HOBO 10434434	V	R,H
P20	04/08/14	HOBO 10434434	V	R, H
P20	04/14/14	HOBO 10434434	V	H-R
P20	04/22/14	HOBO 10434434	V	
P20	05/02/14	HOBO 10434434	V	R
P20	05/02/14	HOBO 10434434	V	
P20	05/22/14	HOBO 10434434	V	
P20		HOBO 10434434	V	G
P3	04/04/14	HOBO 1043446	V	R,H
P3	04/07/14	HOBO 1043446	V	R, H
P3	04/15/14	HOBO 1043446	V	H-R
P3	04/21/14	HOBO 1043446	V	
P3	05/02/14	HOBO 1043446	V	R
P3	05/02/14	HOBO 1043446	V	
P3	05/20/14	HOBO 1043446	V	
P3		HOBO 1043446	V	G
P4	04/04/14	HOBO 10405201	V	R,H
P4	04/07/14	HOBO 10405201	V	R, H
P4	04/15/14	HOBO 10405201	V	H-R
P4	04/21/14	HOBO 10405201	V	
P4	04/28/14	HOBO 10405201	V	R
P4	05/06/14	HOBO 10405201	V	
P4	05/20/14	HOBO 10405201	V	
P4		HOBO 10405201	V	G

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
P5	03/23/14	HOBO 10279517	V	G
P5	03/31/14		V	G,E
P5	04/08/14		V	G, R
P5	04/14/14	HOBO 10279517	V	G
P5	04/21/14	HOBO 10279517	V	
P5	04/29/14	HOBO 10279517	V	G
P5	05/08/14	HOBO 10279517	V	
P5	05/21/14	HOBO 10279517	V	
P6	03/23/14	SOLINST 62031293	V	G
P6	03/31/14	SOLINST 62031293	V	G,E
P6	04/08/14	SOLINST 62031293	V	G, R
P6	04/14/14	SOLINST 62031293	V	G
P6	04/21/14	SOLINST 62031293	V	
P6	04/29/14	SOLINST 62031293	V	G
P6	05/08/14	SOLINST 62031293	V	
P6	05/21/14	SOLINST 62031293	V	
P7	03/31/14	HOBO 9858425	V	R,H
P7	04/07/14	HOBO 9858425	V	R, H
P7	04/14/14	HOBO 9858425	V	H-R
P7	04/22/14	HOBO 9858430	V	
P7	04/29/14	HOBO 9858425	V	
P7	05/02/14	HOBO 9858430	V	
P7	05/20/14	HOBO 9858425	V	
P7		HOBO 9858425	V	G
P8	03/31/14		V	R,H
P8	04/07/14		V	R, H
P8	04/14/14		V	H-R
P8	04/22/14	HOBO 10444951	V	
P8	04/29/14		V	
P8	05/02/14	HOBO 10444951	V	
P8	05/20/14		V	
P8			V	G
P9	03/23/14	SOLINST 2325675	V	G
P9	04/01/14	SOLINST 2325675	V	G,E
P9	04/08/14	SOLINST 2325675	V	G, R
P9	04/14/14	SOLINST 2325675	V	G
P9	04/23/14	SOLINST 2325675	V	
P9	04/29/14	SOLINST 2325675	V	G
P9	05/08/14	SOLINST 2325675	V	
P9	05/20/14	SOLINST 2325675	V	
RC1	03/21/14	HOBO 10279511	V	G

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
RC1	04/01/14		V	G,E
RC1	04/07/14		V	G, G
RC1	04/15/14	HOBO 10279511	V	G-T
RC1	04/24/14	HOBO 10279511	V	
RC1	05/08/14	HOBO 10279511	V	
RC1	05/22/14	HOBO 10279511	V	
RC1		HOBO 10279511	V	
RC10	03/24/14	HOBO 10405196	V	G
RC10	04/01/14	HOBO 10405196	V	G,E
RC10	04/07/14	HOBO 10405196	V	G, G
RC10	04/15/14	HOBO 10405196	V	G-T
RC10	04/24/14	HOBO 10405196	V	
RC10	05/08/14	HOBO 10405196	V	
RC10	05/23/14	HOBO 10405196	V	
RC10		HOBO 10405196	V	
RC11	03/24/14	HOBO 10279512	V	G
RC11	04/01/14	HOBO 10279512	V	R,H
RC11	04/07/14	HOBO 10279512	V	
RC11	04/15/14	HOBO 10279512	V	G-T
RC11	04/21/14	HOBO 10279512	V	
RC11	04/28/14	HOBO 10279512	V	
RC11	05/05/14	HOBO 10279512	V	
RC11	05/23/14	HOBO 10279512	V	
RC12	03/24/14	SOLINST 0062031332	V	G
RC12	04/02/14	SOLINST 0062031332	V	R,H
RC12	04/10/14	SOLINST 0062031332	V	R, H
RC12	04/15/14	SOLINST 0062031332	V	G-T
RC12	04/21/14	SOLINST 0062031332	V	
RC12	04/28/14	SOLINST 0062031332	V	R
RC12	05/05/14	SOLINST 0062031332	V	
RC12	05/23/14	SOLINST 0062031332	V	
RC13	03/24/14	SOLINST 0062031304	V	G
RC13	04/01/14		V	G,E
RC13	04/07/14		V	G, G
RC13	04/15/14	SOLINST 0062031304	V	G-T
RC13	04/24/14	SOLINST 0062031304	V	
RC13	05/01/14	SOLINST 0062031304	V	G
RC13	05/06/14	SOLINST 0062031304	V	
RC13	05/23/14	SOLINST 0062031304	V	
RC14	03/24/14	SOLINST 62031829	V	G

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
RC14	04/01/14	SOLINST 62031829	V	G,E
RC14	04/07/14	SOLINST 62031829	V	G, G
RC14	04/15/14	SOLINST 62031829	V	G-T
RC14	04/24/14	SOLINST 62031829	V	
RC14	05/01/14	SOLINST 62031829	V	G
RC14	05/06/14	SOLINST 62031829	V	
RC14	05/23/14	SOLINST 62031829	V	
RC15	03/21/14	HOBO 10405202	V	G
RC15	04/01/14	HOBO 10405202	V	R,H
RC15	04/07/14	HOBO 10405202	V	R, H
RC15	04/15/14	HOBO 10405202	V	R-H
RC15	04/21/14	HOBO 10405202	V	
RC15	04/28/14	HOBO 10405202	V	R
RC15	05/05/14	HOBO 10405202	V	
RC15	05/23/14	HOBO 10405202	V	
RC16	03/21/14	SOLINST 0062031836	V	G
RC16	04/01/14		V	R,H
RC16	04/07/14		V	R, H
RC16	04/15/14	SOLINST 0062031836	V	R-H
RC16	04/21/14	SOLINST 0062031836	V	
RC16	04/28/14	SOLINST 0062031836	V	R
RC16	05/05/14	SOLINST 0062031836	V	
RC16	05/23/14	SOLINST 0062031836	V	
RC17	03/24/14	SOLINST 0062031321	V	G
RC17	04/01/14		V	G,E
RC17	04/07/14		V	G, G
RC17	04/15/14	SOLINST 0062031321	V	G-T
RC17	04/24/14	SOLINST 0062031321	V	
RC17	05/01/14	SOLINST 0062031321	V	G
RC17	05/06/14	SOLINST 0062031321	V	
RC17	05/23/14	SOLINST 0062031321	V	
RC18	03/24/14	HOBO 10434430	V	G
RC18	04/01/14	HOBO 10434430	V	G,E
RC18	04/07/14	HOBO 10434430	V	G, G
RC18	04/15/14	HOBO 10434430	V	G-T
RC18	04/24/14	HOBO 10434430	V	
RC18	05/01/14	HOBO 10434430	V	
RC18	05/06/14	HOBO 10434430	V	
RC18	05/23/14	HOBO 10434430	V	
RC2	03/23/14	SOLINST 62031828	V	G
RC2	04/01/14	SOLINST 62031828	V	G,E
RC2	04/07/14	SOLINST 62031828	V	G, G
RC2	04/15/14	SOLINST 62031828	V	G-T

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
RC2	04/24/14	SOLINST 62031828	V	
RC2	05/08/14	SOLINST 62031828	V	
RC2	05/22/14	SOLINST 62031828	V	
RC2		SOLINST 62031828	V	
RC21	03/21/14	SOLINST 0062031330	V	G
RC21	04/01/14		V	G,E
RC21	04/07/14		V	G, G
RC21	04/15/14	SOLINST 0062031330	V	G-T
RC21	04/24/14	SOLINST 0062031330	V	
RC21	05/01/14	SOLINST 0062031330	V	G
RC21	05/06/14	SOLINST 0062031330	V	
RC21	05/23/14	SOLINST 0062031330	V	
RC22	03/21/14	SOLINST 62031832	V	G
RC22	04/01/14	SOLINST 62031832	V	G,E
RC22	04/07/14	SOLINST 62031832	V	G, G
RC22	04/15/14	SOLINST 62031832	V	G-T
RC22	04/24/14	SOLINST 62031832	V	
RC22	05/01/14	SOLINST 62031832	V	G
RC22	05/06/14	SOLINST 62031832	V	
RC22	05/23/14	SOLINST 62031832	V	
RC23	03/21/14	HOBO 10434439	V	G
RC23	04/01/14	HOBO 10434439	V	R,H
RC23	04/07/14	HOBO 10434439	V	R, H
RC23	04/15/14	HOBO 10434439	V	R-H
RC23	04/21/14	HOBO 10434439	V	
RC23	04/28/14	HOBO 10434439	V	R
RC23	05/05/14	HOBO 10434439	V	
RC23		HOBO 10434439	V	
RC24	03/21/14	SOLINST 0062031838	V	G
RC24	04/01/14		V	R,H
RC24	04/07/14		V	R, H
RC24	04/15/14	SOLINST 0062031838	V	R-H
RC24	04/21/14	SOLINST 0062031838	V	
RC24	04/28/14	SOLINST 0062031838	V	R
RC24	05/05/14	SOLINST 0062031838	V	
RC24	05/23/14	SOLINST 0062031838	V	
RC25	03/21/14	HOBO 10444953	V	G
RC25	04/01/14	HOBO 10444953	V	R,H
RC25	04/07/14	HOBO 10444953	V	R, H
RC25	04/15/14	HOBO 10444953	V	R-H
RC25	04/21/14	HOBO 10444953	V	

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
RC25	04/28/14	HOBO 10444953	V	R
RC25	05/05/14	HOBO 10444953	V	
RC25	05/23/14	HOBO 10444953	V	
RC26	03/21/14	HOBO 10279523	V	G
RC26	04/01/14	HOBO 10279523	V	G,E
RC26	04/07/14	HOBO 10279523	V	G, G
RC26	04/15/14	HOBO 10279523	V	G-T
RC26	04/24/14	HOBO 10279523	V	
RC26	05/01/14	HOBO 10279523	V	G
RC26	05/06/14	HOBO 10279523	V	
RC26	05/23/14	HOBO 10279523	V	
RC27	03/21/14	SOLINST 62031307	V	G
RC27	04/01/14	SOLINST 62031307	V	G,E
RC27	04/07/14	SOLINST 62031307	V	G, G
RC27	04/15/14	SOLINST 62031307	V	G-T
RC27	04/24/14	SOLINST 62031307	V	
RC27	05/01/14	SOLINST 62031307	V	G
RC27	05/06/14	SOLINST 62031307	V	
RC27	05/23/14	SOLINST 62031307	V	
RC28	03/21/14	HOBO 1043443	V	G
RC28	04/01/14	HOBO 1043443	V	R,H
RC28	04/07/14	HOBO 1043443	V	R, H
RC28	04/15/14	HOBO 1043443	V	R-H
RC28	04/21/14	HOBO 1043443	V	
RC28	04/28/14	HOBO 1043443	V	R
RC28	05/05/14	HOBO 1043443	V	
RC28	05/23/14	HOBO 1043443	V	
RC29	03/21/14	SOLINST 0062031825	V	G
RC29	04/01/14	SOLINST 0062031825	V	R,H
RC29	04/07/14	SOLINST 0062031825	V	R, H
RC29	04/15/14	SOLINST 0062031825	V	R-H
RC29	04/21/14	SOLINST 0062031825	V	
RC29	04/28/14	SOLINST 0062031825	V	R
RC29	05/05/14	SOLINST 0062031825	V	
RC29	05/23/14	SOLINST 0062031825	V	
RC3	03/23/14	HOBO 10462693	V	G
RC3	04/01/14	HOBO 10462693	V	R,H
RC3	04/07/14	HOBO 10462693	V	R, H
RC3	04/15/14	HOBO 10462693	V	R-H
RC3	04/21/14	HOBO 10462693	V	
RC3	04/28/14	HOBO 10462693	V	

Site Number (C1)	Measurement Date (C235)	Equipment Identifier (C249)	WL Method (C239)	WL Party (C246)
RC3	05/05/14	HOBO 10462693	V	
RC3	05/23/14	HOBO 10462693	V	
RC4	03/21/14	HOBO 10395426	V	G
RC4	04/01/14		V	R,H
RC4	04/07/14		V	R, H
RC4	04/15/14	HOBO 10395426	V	R-H
RC4	04/21/14	HOBO 10395426	V	
RC4	04/28/14	HOBO 10395426	V	
RC4	05/05/14	HOBO 10395426	V	
RC4	05/23/14	HOBO 10395426	V	
RC5	03/24/14	HOBO 10444961	V	G
RC5	04/01/14		V	G,E
RC5	04/07/14		V	G, G
RC5	04/15/14	HOBO 10444961	V	G-T
RC5	04/24/14	HOBO 10444961	V	
RC5	05/06/14	HOBO 10444961	V	
RC5	05/23/14	HOBO 10444961	V	
RC5		HOBO 10444961	V	
RC6	03/24/14	SOLINST 62031305	V	G
RC6	04/01/14	SOLINST 62031305	V	G,E
RC6	04/07/14	SOLINST 62031305	V	G, G
RC6	04/15/14	SOLINST 62031305	V	G-T
RC6	04/24/14	SOLINST 62031305	V	
RC6	05/06/14	SOLINST 62031305	V	
RC6	05/23/14	SOLINST 62031305	V	
RC6		SOLINST 62031305	V	
RC7	03/21/14	HOBO 10434440	V	G
RC7	04/01/14	HOBO 10434440	V	R,H
RC7	04/07/14	HOBO 10434440	V	R, H
RC7	04/15/14	HOBO 10434440	V	R-H
RC7	04/21/14	HOBO 10434440	V	
RC7	04/28/14	HOBO 10434440	V	R
RC7	05/05/14	HOBO 10434440	V	
RC7	05/23/14	HOBO 10434440	V	
RC8	03/21/14	SOLINST 0062031845	V	G
RC8	04/01/14		V	R,H
RC8	04/07/14		V	R, H
RC8	04/15/14	SOLINST 0062031845	V	R-H
RC8	04/21/14	SOLINST 0062031845	V	
RC8	04/28/14	SOLINST 0062031845	V	R
RC8	05/05/14	SOLINST 0062031845	V	
RC8	05/23/14	SOLINST 0062031845	V	
RC9	03/24/14	SOLINST 0062031826	V	G

<b>Site Number (C1)</b>	<b>Measurement Date (C235)</b>	<b>Equipment Identifier (C249)</b>	<b>WL Method (C239)</b>	<b>WL Party (C246)</b>
RC9	04/01/14		V	G,E
RC9	04/07/14		V	G, G
RC9	04/15/14	SOLINST 0062031826	V	G-T
RC9	04/24/14	SOLINST 0062031826	V	
RC9	05/08/14	SOLINST 0062031826	V	
RC9	05/23/14	SOLINST 0062031826	V	
RC9		SOLINST 0062031826	V	

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
CH-1	03/24/14	3.09	HANNA08699989
CH-1	04/01/14	3.09	HANNA08699989
CH-1	04/07/14	3.06	HANNA08699989
CH-1	04/15/14	3.08	HANNA08699989
CH-1	04/21/14		
CH-1	04/28/14	3.05	HANNA08699989
CH-1	05/06/14	3.05	
CH-1	05/20/14		HANNA08699989
CH-2	03/24/14	2.98	HANNA08699989
CH-2	04/02/14	2.98	HANNA08699989
CH-2	04/07/14	3.18	HANNA08699989
CH-2	04/15/14	3.13	HANNA08699989
CH-2	04/21/14		
CH-2	04/28/14	7.13	HANNA08699989
CH-2	05/06/14	3.08	
CH-2	05/20/14		HANNA08699989
CH-3	03/24/14	3.39	HANNA08615187
CH-3	04/01/14		HANNA08615187
CH-3	04/07/14	2.6	OAKTOM121442
CH-3	04/15/14	3.05	HANNA08615187
CH-3	04/24/14		
CH-3	05/22/14		HANNA08615187
CH-3			HANNA08615187
CH-3			
CH-3a	03/24/14	2.84	HANNA08615187
CH-3a	04/01/14	3.07	HANNA08615187
CH-3a	04/07/14	2.83	OAKTOM121442
CH-3a	04/15/14	3.01	HANNA08615187
CH-3a	04/24/14		
CH-3a	05/22/14		HANNA08615187
CH-3a			HANNA08615187
CH-3a			
CH-4	03/24/14	2.36	HANNA08615187
CH-4	04/01/14	2.52	HANNA08615187
CH-4	04/07/14	2.37	OAKTOM121442
CH-4	04/15/14	2.57	HANNA08615187
CH-4	04/24/14		
CH-4	05/22/14		HANNA08615187
CH-4			HANNA08615187
CH-4			
CH-5	03/24/14	3.11	HANNA08699989
CH-5	04/02/14	3.11	HANNA08699989
CH-5	04/07/14	2.85	HANNA08699989

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
CH-5	04/21/14		
CH-5	04/28/14	3.02	HANNA08699989
CH-5	05/06/14	2.99	
CH-5	05/20/14		HANNA08699989
CH-6	03/24/14	5.89	HANNA08699989
CH-6	04/02/14	5.89	HANNA08699989
CH-6	04/07/14	1.54	HANNA08699989
CH-6	04/15/14	1.75	HANNA08699989
CH-6	04/21/14		
CH-6	04/28/14	2.15	HANNA08699989
CH-6	05/06/14	3.56	
CH-6	05/20/14		HANNA08699989
CH-7	03/24/14	2.35	HANNA08615187
CH-7	04/01/14	1.94	HANNA08615187
CH-7	04/07/14	2.63	OAKTOM121442
CH-7	04/15/14	2	HANNA08615187
CH-7	04/23/14		
CH-7	04/29/14	2.01	
CH-7	05/08/14	1.99	
CH-7	05/22/14		HANNA08615187
CH-8	03/24/14		
CH-8	04/01/14	2.82	HANNA08615187
CH-8	04/07/14	1.778	OAKTOM121442
CH-8	04/15/14	2.93	HANNA08615187
CH-8	04/23/14		
CH-8	04/29/14	2.87	
CH-8	05/08/14	2.84	
CH-8	05/22/14		HANNA08615187
MA1	03/22/14		
MA1	03/31/14	3.94	HANNA08615187
MA1	04/08/14	4	HANNA08615187
MA1	04/14/14	4.08	HANNA08615187
MA1	04/23/14		
MA1	04/28/14	4.05	HANNA08615187
MA1	05/05/14		
MA1	05/19/14		HANNA08615187
MA10	03/31/14		HANNA08699989
MA10	04/08/14		HANNA08699989
MA10	04/14/14		HANNA08699989
MA10	04/22/14		
MA10	04/29/14		HANNA08699989
MA10	05/19/14		HANNA08699989
MA10			

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
MA10			
MA11	04/03/14	3.79	HANNA08699989
MA11	04/08/14	3.24	HANNA08699989
MA11	04/14/14	3.07	HANNA08699989
MA11	04/22/14		
MA11	04/29/14		HANNA08699989
MA11	05/19/14		HANNA08699989
MA11			
MA11			
MA12	03/31/14	1.46	HANNA08699989
MA12	04/08/14	1.5	HANNA08699989
MA12	04/14/14	1.5	HANNA08699989
MA12	04/22/14		
MA12	04/29/14		HANNA08699989
MA12	05/19/14		HANNA08699989
MA12		1.45	HANNA08699989
MA12			
MA13	04/03/14	6.19	HANNA08699989
MA13	04/08/14	4.44	HANNA08699989
MA13	04/14/14	4.29	HANNA08699989
MA13	04/22/14		
MA13	04/29/14		HANNA08699989
MA13	05/19/14		HANNA08699989
MA13			
MA13			
MA14	03/31/14	3.52	HANNA08699989
MA14	04/08/14	2.48	HANNA08699989
MA14	04/14/14	2.48	HANNA08699989
MA14	04/22/14		
MA14	04/29/14		HANNA08699989
MA14	05/19/14		HANNA08699989
MA14			
MA14			
MA15	03/31/14		HANNA08699989
MA15	04/08/14	1.67	HANNA08699989
MA15	04/14/14	1.53	HANNA08699989
MA15	04/22/14		
MA15	04/29/14		HANNA08699989
MA15	05/19/14		HANNA08699989
MA15			
MA15			
MA2	03/22/14		

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
MA2	03/31/14	3.09	HANNA08615187
MA2	04/08/14	3.2	HANNA08615187
MA2	04/14/14	3.2	HANNA08615187
MA2	04/23/14		
MA2	04/28/14	3.25	HANNA08615187
MA2	05/05/14		
MA2	05/19/14		HANNA08615187
MA3	03/22/14		
MA3	03/31/14	2.48	HANNA08615187
MA3	04/08/14	2.63	HANNA08615187
MA3	04/14/14	2.69	HANNA08615187
MA3	04/23/14		
MA3	04/28/14	2.6	HANNA08615187
MA3	05/05/14		
MA3	05/19/14		HANNA08615187
MA4	03/22/14		
MA4	03/31/14		HANNA08615187
MA4	04/08/14		HANNA08615187
MA4	04/14/14		HANNA08615187
MA4	04/23/14		
MA4	04/28/14		HANNA08615187
MA4	05/05/14		
MA4	05/19/14		HANNA08615187
MA5	03/31/14		HANNA08699989
MA5	04/09/14		HANNA08699989
MA5	04/14/14		HANNA08699989
MA5	04/22/14		
MA5	04/29/14		HANNA08699989
MA5	05/19/14		HANNA08699989
MA5			
MA5			
MA6	03/31/14		HANNA08699989
MA6	04/08/14	2.56	HANNA08699989
MA6	04/14/14	2.86	HANNA08699989
MA6	04/22/14		
MA6	04/29/14		HANNA08699989
MA6	05/19/14		HANNA08699989
MA6			
MA6			
MA7	03/31/14	2.32	HANNA08615187

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
MA7	04/08/14	2.32	HANNA08615187
MA7	04/14/14	2.37	HANNA08615187
MA7	04/23/14		
MA7	04/28/14	2.38	HANNA08615187
MA7	05/05/14		
MA7	05/19/14		HANNA08615187
MA7			
MA8	04/04/14	2.2	HANNA08615187
MA8	04/08/14	2.6	HANNA08615187
MA8	04/14/14	2.63	HANNA08615187
MA8	04/23/14		
MA8	04/28/14	2.35	HANNA08615187
MA8	05/05/14		
MA8	05/19/14		HANNA08615187
MA8			
MA9	03/22/14		
MA9	03/31/14	1.44	HANNA08699989
MA9	04/08/14	1.44	HANNA08699989
MA9	04/14/14	1.46	HANNA08699989
MA9	04/22/14		
MA9	04/29/14		HANNA08699989
MA9	05/19/14		HANNA08699989
MA9			
N1	03/20/14	1.49	HANNA08615187
N1	03/31/14	1.65	HANNA08615187
N1	04/08/14	1.64	HANNA08615187
N1	04/14/14	1.67	HANNA08615187
N1	04/22/14		
N1	04/28/14	1.64	HANNA08615187
N1	05/05/14		
N1	05/21/14		HANNA08615187
N2	03/20/14	1.73	HANNA08615187
N2	03/31/14	1.57	HANNA08615187
N2	04/08/14	1.52	HANNA08615187
N2	04/14/14	1.57	HANNA08615187
N2	04/22/14		
N2	04/28/14	1.6	HANNA08615187
N2	05/05/14		
N2	05/21/14		HANNA08615187
N3	03/20/14		
N3	03/31/14		HANNA08615187
N3	04/08/14		HANNA08615187

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
N3	04/14/14		HANNA08615187
N3	04/22/14		
N3	05/21/14		HANNA08615187
N3			HANNA08615187
N3			
N4	03/20/14	4.12	HANNA08615187
N4	03/31/14	2.37	HANNA08615187
N4	04/08/14	3.56	HANNA08615187
N4	04/14/14	3.83	HANNA08615187
N4	04/22/14		
N4	05/21/14		HANNA08615187
N4			HANNA08615187
N4			
N5	03/31/14	2.2	HANNA08615187
N5	04/08/14	2.21	HANNA08615187
N5	04/14/14	2.18	HANNA08615187
N5	04/22/14		
N5	04/28/14	2.13	HANNA08615187
N5	05/05/14		
N5	05/21/14		HANNA08615187
N5			
N6	03/31/14	2.88	HANNA08615187
N6	04/08/14	3.38	HANNA08615187
N6	04/14/14	3.43	HANNA08615187
N6	04/22/14		
N6	04/28/14	3.14	HANNA08615187
N6	05/05/14		
N6	05/21/14		HANNA08615187
N6			
N7	03/20/14	1.97	HANNA08615187
N7	03/31/14	1.28	HANNA08615187
N7	04/08/14	1.52	HANNA08615187
N7	04/14/14	1.55	HANNA08615187
N7	04/22/14		
N7	04/28/14	1.54	HANNA08615187
N7	05/05/14		
N7	05/21/14		HANNA08615187
N8	03/22/14	1.56	HANNA08615187
N8	03/31/14	1.48	HANNA08615187

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
N8	04/08/14	1.5	HANNA08615187
N8	04/14/14	1.5	HANNA08615187
N8	04/22/14		
N8	04/28/14	1.53	HANNA08615187
N8	05/05/14		
N8	05/21/14		HANNA08615187
P1	03/23/14		
P1	03/31/14	1.94	HANNA08615187
P1	04/08/14	1.69	HANNA08615187
P1	04/15/14	1.62	HANNA08615187
P1	04/21/14		
P1	04/29/14	1.45	HANNA08615187
P1	05/08/14	1.42	
P1	05/21/14		HANNA08615187
P10	03/23/14	3	HANNA08615187
P10	04/01/14	3.73	HANNA08615187
P10	04/11/14	1.22	HANNA08615187
P10	04/14/14		HANNA08615187
P10	04/23/14		
P10	04/29/14		HANNA08615187
P10	05/08/14		
P10	05/20/14		HANNA08615187
P11	04/01/14	3.97	HANNA08699989
P11	04/07/14	3.92	HANNA08699989
P11	04/15/14	3.56	HANNA08699989
P11	04/21/14		
P11	04/28/14	2.85	HANNA08699989
P11	05/06/14		
P11	05/20/14		HANNA08699989
P11			
P12	04/01/14	3.55	HANNA08699989
P12	04/07/14	3.54	HANNA08699989
P12	04/15/14	3.52	HANNA08699989
P12	04/21/14		
P12	04/28/14	3.34	HANNA08699989
P12	05/06/14		
P12	05/20/14		HANNA08699989
P12			
P13	04/01/14	1.49	HANNA08699989
P13	04/07/14	1.45	HANNA08699989
P13	04/14/14	1.46	HANNA08699989
P13	04/21/14		
P13	05/06/14		

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
P13	05/20/14		HANNA08699989
P13			
P13			HANNA08699989
P14	04/01/14	1.92	HANNA08699989
P14	04/08/14	1.84	HANNA08699989
P14	04/14/14	1.86	HANNA08699989
P14	04/22/14		
P14	05/08/14	1.82	
P14	05/22/14		HANNA08699989
P14		1.48	HANNA08699989
P14			HANNA08699989
P15	04/01/14	1.72	HANNA08615187
P15	04/08/14	2.68	HANNA08615187
P15	04/14/14	1.56	HANNA08615187
P15	04/23/14		
P15	04/29/14	1.59	HANNA08615187
P15	05/08/14	1.54	
P15	05/22/14		HANNA08615187
P15			
P16	04/01/14		HANNA08615187
P16	04/08/14		HANNA08699989
P16	04/14/14		HANNA08615187
P16	04/23/14		
P16	04/29/14		HANNA08615187
P16	05/08/14		
P16		1.63	HANNA08615187
P16			HANNA08615187
P17	04/01/14	1.54	HANNA08699989
P17	04/08/14	1.56	HANNA08699989
P17	04/15/14	1.57	HANNA08699989
P17	04/21/14		
P17	04/28/14	1.57	HANNA08699989
P17	05/02/14	1.57	
P17	05/20/14		HANNA08699989
P17			
P18	04/01/14		HANNA08699989
P18	04/08/14	3.38	HANNA08699989
P18	04/14/14	3.31	HANNA08699989
P18	04/22/14		
P18	04/28/14	3.26	HANNA08699989
P18	05/02/14	3.26	
P18	05/20/14		HANNA08699989

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
P18			
P19	04/03/14	2.51	HANNA08699989
P19	04/08/14	2.48	HANNA08699989
P19	04/14/14	2.51	HANNA08699989
P19	04/22/14		
P19	05/02/14	2.48	HANNA08699989
P19	05/02/14	2.48	
P19	05/22/14		HANNA08699989
P19			
P2	03/31/14		HANNA08699989
P2	04/07/14	3.6	HANNA08699989
P2	04/15/14	3.56	HANNA08699989
P2	04/21/14		
P2	05/02/14	3.49	HANNA08699989
P2	05/02/14	3.49	
P2	05/20/14		HANNA08699989
P2			
P20	04/03/14	1.75	HANNA08699989
P20	04/08/14	1.73	HANNA08699989
P20	04/14/14	1.74	HANNA08699989
P20	04/22/14		
P20	05/02/14	1.74	HANNA08699989
P20	05/02/14	1.74	
P20	05/22/14		HANNA08699989
P20			
P20			
P3	04/04/14	3.22	HANNA08699989
P3	04/07/14	3.21	HANNA08699989
P3	04/15/14	3.18	HANNA08699989
P3	04/21/14		
P3	05/02/14	3.19	HANNA08699989
P3	05/02/14	3.19	
P3	05/20/14		HANNA08699989
P3			
P4	04/04/14	2.55	HANNA08699989
P4	04/07/14	2.33	HANNA08699989
P4			
P4	04/15/14		HANNA08699989
P4	04/21/14		
P4	04/28/14		HANNA08699989
P4	05/06/14		
P4	05/20/14		HANNA08699989
P4			

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
P5	03/23/14		
P5	03/31/14		HANNA08615187
P5	04/08/14		HANNA08615187
P5	04/14/14		HANNA08615187
P5	04/21/14		
P5	04/29/14		HANNA08615187
P5	05/08/14	9.34	
P5	05/21/14		HANNA08615187
P6	03/23/14		
P6	03/31/14		HANNA08615187
P6	04/08/14	5.46	HANNA08615187
P6	04/14/14	4.82	HANNA08615187
P6	04/21/14		
P6	04/29/14	4.13	HANNA08615187
P6	05/08/14	3.88	
P6	05/21/14		HANNA08615187
P7	03/31/14		HANNA08699989
P7	04/07/14		HANNA08699989
P7	04/14/14		HANNA08699989
P7	04/22/14		
P7	04/29/14		HANNA08699989
P7	05/02/14		
P7	05/20/14		HANNA08699989
P7		2.11	HANNA08699989
P8	03/31/14		HANNA08699989
P8	04/07/14		HANNA08699989
P8	04/14/14		HANNA08699989
P8	04/22/14		
P8	04/29/14		HANNA08699989
P8	05/02/14		
P8	05/20/14		HANNA08699989
P8			
P9	03/23/14	1.63	HANNA08615187
P9	04/01/14	3.36	HANNA08615187
P9	04/08/14	3.46	HANNA08615187
P9	04/14/14	3.43	HANNA08615187
P9	04/23/14		
P9	04/29/14	3.44	HANNA08615187
P9	05/08/14	3.46	
P9	05/20/14		HANNA08615187
RC1	03/21/14		

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
RC1	04/01/14		HANNA08615187
RC1	04/07/14		OAKTOM121442
RC1	04/15/14		HANNA08615187
RC1	04/24/14		
RC1	05/08/14		
RC1	05/22/14		HANNA08615187
RC1			HANNA08615187
RC10	03/24/14	4.478	HANNA08615187
RC10	04/01/14	3.83	HANNA08615187
RC10	04/07/14	3.76	OAKTOM121442
RC10	04/15/14	4.14	HANNA08615187
RC10	04/24/14		
RC10	05/08/14	3.87	
RC10	05/23/14	3.9	HANNA08615187
RC10			HANNA08615187
RC11	03/24/14		
RC11	04/01/14		HANNA08699989
RC11	04/07/14		OAKTOM121442
RC11	04/15/14		HANNA08699989
RC11	04/21/14		
RC11	04/28/14		HANNA08699989
RC11	05/05/14		
RC11	05/23/14		HANNA08699989
RC12	03/24/14	3.48	HANNA08699989
RC12	04/02/14	3.48	HANNA08699989
RC12	04/10/14	3.78	HANNA08699989
RC12	04/15/14	4.01	HANNA08699989
RC12	04/21/14		
RC12	04/28/14	4.31	HANNA08699989
RC12	05/05/14	4.11	
RC12	05/23/14	3.81	HANNA08699989
RC13	03/24/14	1.28	HANNA08615187
RC13	04/01/14	2.57	HANNA08615187
RC13	04/07/14	2.5	OAKTOM121442
RC13	04/15/14	2.77	HANNA08615187
RC13	04/24/14		
RC13	05/01/14	2.74	HANNA08615187
RC13	05/06/14	2.71	
RC13	05/23/14	2.77	HANNA08615187
RC14	03/24/14	3.33	HANNA08615187

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
RC14	04/01/14	3.66	HANNA08615187
RC14	04/07/14	3.45	OAKTOM121442
RC14	04/15/14	3.68	HANNA08615187
RC14	04/24/14		
RC14	05/01/14	3.71	HANNA08615187
RC14	05/06/14	3.68	
RC14	05/23/14	3.64	HANNA08615187
RC15	03/21/14	2.69	HANNA08699989
RC15	04/01/14	2.69	HANNA08699989
RC15	04/07/14	1.55	HANNA08699989
RC15	04/15/14	2.71	HANNA08699989
RC15	04/21/14		
RC15	04/28/14	2.75	HANNA08699989
RC15	05/05/14	2.75	
RC15	05/23/14	2.76	HANNA08699989
RC16	03/21/14		
RC16	04/01/14	4.74	HANNA08699989
RC16	04/07/14	4.6	HANNA08699989
RC16	04/15/14	4.6	HANNA08699989
RC16	04/21/14		
RC16	04/28/14	4.59	HANNA08699989
RC16	05/05/14	4.61	
RC16	05/23/14	4.55	HANNA08699989
RC17	03/24/14	8.87	HANNA08615187
RC17	04/01/14	8.63	HANNA08615187
RC17	04/07/14	7.95	OAKTOM121442
RC17	04/15/14	9.03	HANNA08615187
RC17	04/24/14		
RC17	05/01/14	9.07	HANNA08615187
RC17	05/06/14	9.13	
RC17	05/23/14	8.63	HANNA08615187
RC18	03/24/14		
RC18	04/01/14		HANNA08615187
RC18	04/07/14		OAKTOM121442
RC18	04/15/14		HANNA08615187
RC18	04/24/14		
RC18	05/01/14		HANNA08615187
RC18	05/06/14		
RC18	05/23/14		HANNA08615187
RC2	03/23/14	3.83	HANNA08615187
RC2	04/01/14	3.89	HANNA08615187
RC2	04/07/14	3.3	OAKTOM121442
RC2	04/15/14	3.78	HANNA08615187

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
RC2	04/24/14		
RC2	05/08/14	3.77	
RC2	05/22/14	3.89	HANNA08615187
RC2			HANNA08615187
RC21	03/21/14		
RC21	04/01/14		HANNA08615187
RC21	04/07/14		OAKTOM121442
RC21	04/15/14		HANNA08615187
RC21	04/24/14		
RC21	05/01/14	LOW WATER	HANNA08615187
RC21	05/06/14		
RC21	05/23/14	2.4	HANNA08615187
RC22	03/21/14		
RC22	04/01/14		HANNA08615187
RC22	04/07/14		OAKTOM121442
RC22	04/15/14		HANNA08615187
RC22	04/24/14		
RC22	05/01/14	LOW WATER	HANNA08615187
RC22	05/06/14		
RC22	05/23/14		HANNA08615187
RC23	03/21/14	2.56	HANNA08699989
RC23	04/01/14	2.56	HANNA08699989
RC23	04/07/14	2.54	HANNA08699989
RC23	04/15/14	2.53	HANNA08699989
RC23	04/21/14		
RC23	04/28/14	2.51	HANNA08699989
RC23	05/05/14	2.48	
RC23			HANNA08699989
RC24	03/21/14	2.15	HANNA08699989
RC24	04/01/14	2.15	HANNA08699989
RC24	04/07/14	2.18	HANNA08699989
RC24	04/15/14	2.19	HANNA08699989
RC24	04/21/14		
RC24	04/28/14	2.21	HANNA08699989
RC24	05/05/14	2.18	
RC24	05/23/14	2.14	HANNA08699989
RC25	03/21/14	2.61	HANNA08699989
RC25	04/01/14	2.61	HANNA08699989
RC25	04/07/14	2.49	HANNA08699989
RC25	04/15/14	2.47	HANNA08699989
RC25	04/21/14		

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
RC25	04/28/14	2.5	HANNA08699989
RC25	05/05/14	2.42	
RC25	05/23/14	2.36	HANNA08699989
RC26	03/21/14		
RC26	04/01/14		HANNA08615187
RC26	04/07/14		OAKTOM121442
RC26	04/15/14		HANNA08615187
RC26	04/24/14		
RC26	05/01/14	LOW WATER	HANNA08615187
RC26	05/06/14		
RC26	05/23/14		HANNA08615187
RC27	03/21/14		
RC27	04/01/14	7.9	HANNA08615187
RC27	04/07/14	7.25	OAKTOM121442
RC27	04/15/14		HANNA08615187
RC27	04/24/14		
RC27	05/01/14	8.33	HANNA08615187
RC27	05/06/14	7.82	
RC27	05/23/14		HANNA08615187
RC28	03/21/14		
RC28	04/01/14	3.67	HANNA08699989
RC28	04/07/14	3.58	HANNA08699989
RC28	04/15/14	3.5	HANNA08699989
RC28	04/21/14		
RC28	04/28/14	3.5	HANNA08699989
RC28	05/05/14	3.42	
RC28	05/23/14	3.26	HANNA08699989
RC29	03/21/14		
RC29	04/01/14	3.94	HANNA08699989
RC29	04/07/14	3.92	HANNA08699989
RC29	04/15/14	3.89	HANNA08699989
RC29	04/21/14		
RC29	04/28/14	3.9	HANNA08699989
RC29	05/05/14	3.9	
RC29	05/23/14	3.65	HANNA08699989
RC3	03/23/14	5.62	HANNA08699989
RC3	04/01/14	5.62	HANNA08699989
RC3	04/07/14	5.77	HANNA08699989
RC3	04/15/14	5.74	HANNA08699989
RC3	04/21/14		
RC3	04/28/14	5.71	HANNA08699989

Site Number (C1)	Measurement Date (C235)	Specific Conductance (mS/cm)	SC Instrument and Serial Number
RC3	05/05/14	5.66	
RC3	05/23/14	5.6	HANNA08699989
RC4	03/21/14	7.75	HANNA08699989
RC4	04/01/14	7.75	HANNA08699989
RC4	04/07/14	8.48	HANNA08699989
RC4	04/15/14	7.92	HANNA08699989
RC4	04/21/14		
RC4	04/28/14	7.36	HANNA08699989
RC4	05/05/14	7.18	
RC4	05/23/14	5.73	HANNA08699989
RC5	03/24/14	6.89	HANNA08615187
RC5	04/01/14	7.18	HANNA08615187
RC5	04/07/14	6.38	OAKTOM121442
RC5	04/15/14	7.3	HANNA08615187
RC5	04/24/14		
RC5	05/06/14	7.23	
RC5	05/23/14	7.1	HANNA08615187
RC5			HANNA08615187
RC6	03/24/14	6.87	HANNA08615187
RC6	04/01/14	4.41	HANNA08615187
RC6	04/07/14	3.98	OAKTOM121442
RC6	04/15/14	4.61	HANNA08615187
RC6	04/24/14		
RC6	05/06/14	4.56	
RC6	05/23/14	4.2	HANNA08615187
RC6			HANNA08615187
RC7	03/21/14	2.94	HANNA08699989
RC7	04/01/14	2.94	HANNA08699989
RC7	04/07/14	2.89	HANNA08699989
RC7	04/15/14	2.95	HANNA08699989
RC7	04/21/14		
RC7	04/28/14	3.02	HANNA08699989
RC7	05/05/14	2.98	
RC7	05/23/14	2.61	HANNA08699989
RC8	03/21/14	3.61	HANNA08699989
RC8	04/01/14	3.61	HANNA08699989
RC8	04/07/14	3.46	HANNA08699989
RC8	04/15/14	3.43	HANNA08699989
RC8	04/21/14		
RC8	04/28/14	3.42	HANNA08699989
RC8	05/05/14	3.39	
RC8	05/23/14	3.27	HANNA08699989
RC9	03/24/14	3.13	HANNA08615187

<b>Site Number (C1)</b>	<b>Measurement Date (C235)</b>	<b>Specific Conductance (mS/cm)</b>	<b>SC Instrument and Serial Number</b>
RC9	04/01/14	2.96	HANNA08615187
RC9	04/07/14	2.72	OAKTOM121442
RC9	04/15/14	2.98	HANNA08615187
RC9	04/24/14		
RC9	05/08/14	2.89	
RC9	05/23/14	2.82	HANNA08615187
RC9			HANNA08615187

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
CH-1	03/24/14	
CH-1	04/01/14	
CH-1	04/07/14	
CH-1	04/15/14	
CH-1	04/21/14	
CH-1	04/28/14	
CH-1	05/06/14	
CH-1	05/20/14	
CH-2	03/24/14	
CH-2	04/02/14	
CH-2	04/07/14	
CH-2	04/15/14	
CH-2	04/21/14	
CH-2	04/28/14	
CH-2	05/06/14	
CH-2	05/20/14	
CH-3	03/24/14	
CH-3	04/01/14	
CH-3	04/07/14	
CH-3	04/15/14	
CH-3	04/24/14	
CH-3	05/22/14	
CH-3		
CH-3		
CH-3a	03/24/14	
CH-3a	04/01/14	
CH-3a	04/07/14	
CH-3a	04/15/14	
CH-3a	04/24/14	
CH-3a	05/22/14	
CH-3a		
CH-3a		
CH-4	03/24/14	
CH-4	04/01/14	
CH-4	04/07/14	
CH-4	04/15/14	
CH-4	04/24/14	
CH-4	05/22/14	
CH-4		
CH-4		
CH-5	03/24/14	
CH-5	04/02/14	
CH-5	04/07/14	

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
CH-5	04/21/14	
CH-5	04/28/14	
CH-5	05/06/14	
CH-5	05/20/14	
CH-6	03/24/14	
CH-6	04/02/14	
CH-6	04/07/14	
CH-6	04/15/14	
CH-6	04/21/14	
CH-6	04/28/14	
CH-6	05/06/14	
CH-6	05/20/14	
CH-7	03/24/14	
CH-7	04/01/14	
CH-7	04/07/14	
CH-7	04/15/14	
CH-7	04/23/14	
CH-7	04/29/14	
CH-7	05/08/14	
CH-7	05/22/14	
CH-8	03/24/14	
CH-8	04/01/14	
CH-8	04/07/14	
CH-8	04/15/14	
CH-8	04/23/14	
CH-8	04/29/14	
CH-8	05/08/14	
CH-8	05/22/14	
MA1	03/22/14	
MA1	03/31/14	
MA1	04/08/14	
MA1	04/14/14	
MA1	04/23/14	
MA1	04/28/14	
MA1	05/05/14	
MA1	05/19/14	
MA10	03/31/14	DEFORMED TUBE
MA10	04/08/14	DEFORMED TUBE
MA10	04/14/14	DEFORMED TUBE
MA10	04/22/14	DEFORMED TUBE
MA10	04/29/14	
MA10	05/19/14	
MA10		

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
MA10		
MA11	04/03/14	
MA11	04/08/14	
MA11	04/14/14	
MA11	04/22/14	
MA11	04/29/14	
MA11	05/19/14	
MA11		
MA11		
MA12	03/31/14	
MA12	04/08/14	
MA12	04/14/14	
MA12	04/22/14	
MA12	04/29/14	PRESSURE TRANSDUCER STOLEN
MA12	05/19/14	
MA12		
MA12		
MA13	04/03/14	
MA13	04/08/14	
MA13	04/14/14	
MA13	04/22/14	
MA13	04/29/14	
MA13	05/19/14	
MA13		
MA13		
MA14	03/31/14	
MA14	04/08/14	
MA14	04/14/14	
MA14	04/22/14	
MA14	04/29/14	
MA14	05/19/14	
MA14		
MA14		
MA15	03/31/14	
MA15	04/08/14	
MA15	04/14/14	
MA15	04/22/14	
MA15	04/29/14	
MA15	05/19/14	
MA15		
MA15		
MA2	03/22/14	

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
MA2	03/31/14	
MA2	04/08/14	
MA2	04/14/14	
MA2	04/23/14	
MA2	04/28/14	
MA2	05/05/14	
MA2	05/19/14	
MA3	03/22/14	
MA3	03/31/14	
MA3	04/08/14	
MA3	04/14/14	
MA3	04/23/14	
MA3	04/28/14	
MA3	05/05/14	
MA3	05/19/14	
MA4	03/22/14	
MA4	03/31/14	
MA4	04/08/14	
MA4	04/14/14	
MA4	04/23/14	SAT
MA4	04/28/14	SATURATED
MA4	05/05/14	
MA4	05/19/14	
MA5	03/31/14	
MA5	04/09/14	
MA5	04/14/14	INSUFFICIENT WATER COLUMN TO MAKE THE
MA5	04/22/14	CONDUCTANCE MEASUREMENT
MA5	04/29/14	
MA5	05/19/14	DRY
MA5		
MA5		
MA6	03/31/14	
MA6	04/08/14	
MA6	04/14/14	
MA6	04/22/14	
MA6	04/29/14	
MA6	05/19/14	
MA6		
MA6		
MA7	03/31/14	

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
MA7	04/08/14	
MA7	04/14/14	
MA7	04/23/14	
MA7	04/28/14	
MA7	05/05/14	
MA7	05/19/14	
MA7		
MA8	04/04/14	
MA8	04/08/14	
MA8	04/14/14	
MA8	04/23/14	
MA8	04/28/14	
MA8	05/05/14	
MA8	05/19/14	
MA8		
MA9	03/22/14	
MA9	03/31/14	
MA9	04/08/14	
MA9	04/14/14	
MA9	04/22/14	COVERED BY SEDIMENTS
MA9	04/29/14	
MA9	05/19/14	
MA9		
N1	03/20/14	
N1	03/31/14	
N1	04/08/14	
N1	04/14/14	
N1	04/22/14	
N1	04/28/14	
N1	05/05/14	
N1	05/21/14	
N2	03/20/14	
N2	03/31/14	
N2	04/08/14	
N2	04/14/14	
N2	04/22/14	
N2	04/28/14	
N2	05/05/14	
N2	05/21/14	
N3	03/20/14	AGRICULTURE WELL
N3	03/31/14	AGRICULTURE WELL
N3	04/08/14	AGRICULTURE WELL

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
N3	04/14/14	AGRICULTURE WELL
N3	04/22/14	AGRICULTURE WELL
N3	05/21/14	
N3		ACCESS FORBIDDEN BY LANDOWNER
N3		ACCESS FORBIDDEN BY LANDOWNER
N4	03/20/14	
N4	03/31/14	
N4	04/08/14	
N4	04/14/14	
N4	04/22/14	
N4	05/21/14	
N4		ACCESS FORBIDDEN BY LANDOWNER
N4		ACCESS FORBIDDEN BY LANDOWNER
N5	03/31/14	
N5	04/08/14	
N5	04/14/14	
N5	04/22/14	
N5	04/28/14	
N5	05/05/14	
N5	05/21/14	
N5		
N6	03/31/14	
N6	04/08/14	
N6	04/14/14	
N6	04/22/14	
N6	04/28/14	
N6	05/05/14	
N6	05/21/14	
N6		
N7	03/20/14	
N7	03/31/14	
N7	04/08/14	
N7	04/14/14	
N7	04/22/14	
N7	04/28/14	
N7	05/05/14	
N7	05/21/14	
N8	03/22/14	
N8	03/31/14	

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
N8	04/08/14	
N8	04/14/14	
N8	04/22/14	
N8	04/28/14	
N8	05/05/14	
N8	05/21/14	
P1	03/23/14	
P1	03/31/14	
P1	04/08/14	
P1	04/15/14	
P1	04/21/14	
P1	04/29/14	
P1	05/08/14	
P1	05/21/14	
P10	03/23/14	
P10	04/01/14	
P10	04/11/14	
P10	04/14/14	SATURATED
P10	04/23/14	SAT
P10	04/29/14	COVER BY SEDIMENTS
P10	05/08/14	COVER BY SEDIMENTS
P10	05/20/14	
P11	04/01/14	
P11	04/07/14	
P11	04/15/14	
P11	04/21/14	
P11	04/28/14	
P11	05/06/14	
P11	05/20/14	
P11		
P12	04/01/14	
P12	04/07/14	
P12	04/15/14	
P12	04/21/14	
P12	04/28/14	
P12	05/06/14	
P12	05/20/14	
P12		
P13	04/01/14	
P13	04/07/14	
P13	04/14/14	
P13	04/21/14	
P13	05/06/14	

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
P13	05/20/14	
P13		
P13		
P14	04/01/14	
P14	04/08/14	
P14	04/14/14	
P14	04/22/14	
P14	05/08/14	
P14	05/22/14	
P14		
P14		
P15	04/01/14	
P15	04/08/14	
P15	04/14/14	
P15	04/23/14	
P15	04/29/14	
P15	05/08/14	
P15	05/22/14	
P15		NOT ENTER BAILER
P16	04/01/14	BAYLER STUCK, DEFORMED TUBE
P16	04/08/14	STUCK SENSOR
P16	04/14/14	STUCK BAYLER
P16	04/23/14	
P16	04/29/14	
P16	05/08/14	
P16		
P16		
P17	04/01/14	
P17	04/08/14	
P17	04/15/14	
P17	04/21/14	
P17	04/28/14	
P17	05/02/14	
P17	05/20/14	
P17		
P18	04/01/14	
P18	04/08/14	
P18	04/14/14	
P18	04/22/14	
P18	04/28/14	
P18	05/02/14	
P18	05/20/14	

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
P18		
P19	04/03/14	
P19	04/08/14	
P19	04/14/14	
P19	04/22/14	
P19	05/02/14	
P19	05/02/14	
P19	05/22/14	
P19		
P2	03/31/14	
P2	04/07/14	
P2	04/15/14	
P2	04/21/14	
P2	05/02/14	
P2	05/02/14	
P2	05/20/14	
P2		
P20	04/03/14	
P20	04/08/14	
P20	04/14/14	
P20	04/22/14	
P20	05/02/14	
P20	05/02/14	
P20	05/22/14	
P20		
P3	04/04/14	
P3	04/07/14	
P3	04/15/14	
P3	04/21/14	
P3	05/02/14	
P3	05/02/14	
P3	05/20/14	
P3		
P4	04/04/14	
P4	04/07/14	
P4	04/15/14	INSUFFICIENT WATER COLUMN TO MAKE THE CONDUCTANCE MEASUREMENT
P4	04/21/14	
P4	04/28/14	LOW WATER
P4	05/06/14	
P4	05/20/14	
P4		

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
P5	03/23/14	
P5	03/31/14	
P5	04/08/14	INSUFICIENT WATER COLUMN TO MAKE THE CONDUCTANCE MEASUREMENT
P5	04/14/14	INSUFICIENT WATER COLUMN TO MAKE THE CONDUCTANCE MEASUREMENT
P5	04/21/14	
P5	04/29/14	
P5	05/08/14	
P5	05/21/14	
P6	03/23/14	
P6	03/31/14	
P6	04/08/14	
P6	04/14/14	
P6	04/21/14	
P6	04/29/14	
P6	05/08/14	
P6	05/21/14	
P7	03/31/14	
P7	04/07/14	NO ACCESS
P7	04/14/14	NO ACCESS
P7	04/22/14	NO ACCESS
P7	04/29/14	
P7	05/02/14	
P7	05/20/14	
P7		
P8	03/31/14	
P8	04/07/14	NO ACCESS
P8	04/14/14	NO ACCESS
P8	04/22/14	NO ACCESS
P8	04/29/14	
P8	05/02/14	
P8	05/20/14	
P8		
P9	03/23/14	
P9	04/01/14	
P9	04/08/14	
P9	04/14/14	
P9	04/23/14	
P9	04/29/14	
P9	05/08/14	
P9	05/20/14	
RC1	03/21/14	

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
RC1	04/01/14	
RC1	04/07/14	INSUFICIENT WATER COLUMN TO MAKE THE CONDUCTANCE MEASUREMENT
RC1	04/15/14	INSUFICIENT WATER COLUMN TO MAKE THE CONDUCTANCE MEASUREMENT
RC1	04/24/14	
RC1	05/08/14	LOW WATER
RC1	05/22/14	
RC1		
RC10	03/24/14	
RC10	04/01/14	
RC10	04/07/14	
RC10	04/15/14	
RC10	04/24/14	
RC10	05/08/14	
RC10	05/23/14	
RC10		
RC11	03/24/14	
RC11	04/01/14	
RC11	04/07/14	INSUFICIENT WATER COLUMN TO MAKE THE CONDUCTANCE MEASUREMENT
RC11	04/15/14	
RC11	04/21/14	
RC11	04/28/14	
RC11	05/05/14	
RC11	05/23/14	DRY WELL
RC12	03/24/14	
RC12	04/02/14	
RC12	04/10/14	
RC12	04/15/14	
RC12	04/21/14	
RC12	04/28/14	
RC12	05/05/14	
RC12	05/23/14	
RC13	03/24/14	
RC13	04/01/14	
RC13	04/07/14	
RC13	04/15/14	
RC13	04/24/14	
RC13	05/01/14	
RC13	05/06/14	
RC13	05/23/14	
RC14	03/24/14	

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
RC14	04/01/14	
RC14	04/07/14	
RC14	04/15/14	
RC14	04/24/14	
RC14	05/01/14	
RC14	05/06/14	
RC14	05/23/14	
RC15	03/21/14	
RC15	04/01/14	
RC15	04/07/14	
RC15	04/15/14	
RC15	04/21/14	
RC15	04/28/14	
RC15	05/05/14	
RC15	05/23/14	
RC16	03/21/14	NO ACCESS
RC16	04/01/14	
RC16	04/07/14	
RC16	04/15/14	
RC16	04/21/14	
RC16	04/28/14	
RC16	05/05/14	
RC16	05/23/14	
RC17	03/24/14	
RC17	04/01/14	
RC17	04/07/14	
RC17	04/15/14	
RC17	04/24/14	
RC17	05/01/14	
RC17	05/06/14	
RC17	05/23/14	
RC18	03/24/14	
RC18	04/01/14	
RC18	04/07/14	
RC18	04/15/14	
RC18	04/24/14	
RC18	05/01/14	
RC18	05/06/14	
RC18	05/23/14	DRY WELL
RC2	03/23/14	
RC2	04/01/14	
RC2	04/07/14	
RC2	04/15/14	

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
RC2	04/24/14	
RC2	05/08/14	
RC2	05/22/14	
RC2		
RC21	03/21/14	
RC21	04/01/14	
RC21	04/07/14	INSUFICIENT WATER COLUMN TO MAKE THE CONDUCTANCE MEASUREMENT
RC21	04/15/14	INSUFICIENT WATER COLUMN TO MAKE THE CONDUCTANCE MEASUREMENT
RC21	04/24/14	
RC21	05/01/14	LOW WATER
RC21	05/06/14	
RC21	05/23/14	
RC22	03/21/14	
RC22	04/01/14	
RC22	04/07/14	
RC22	04/15/14	
RC22	04/24/14	
RC22	05/01/14	LOW WATER
RC22	05/06/14	
RC22	05/23/14	LOW WATER
RC23	03/21/14	
RC23	04/01/14	
RC23	04/07/14	
RC23	04/15/14	
RC23	04/21/14	
RC23	04/28/14	
RC23	05/05/14	
RC23		
RC24	03/21/14	
RC24	04/01/14	
RC24	04/07/14	
RC24	04/15/14	
RC24	04/21/14	
RC24	04/28/14	
RC24	05/05/14	
RC24	05/23/14	
RC25	03/21/14	
RC25	04/01/14	
RC25	04/07/14	
RC25	04/15/14	
RC25	04/21/14	

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
RC25	04/28/14	
RC25	05/05/14	
RC25	05/23/14	
RC26	03/21/14	
RC26	04/01/14	
RC26	04/07/14	INSUFICIENT WATER COLUMN TO MAKE THE CONDUCTANCE MEASUREMENT
RC26	04/15/14	INSUFICIENT WATER COLUMN TO MAKE THE CONDUCTANCE MEASUREMENT
RC26	04/24/14	
RC26	05/01/14	LOW WATER
RC26	05/06/14	
RC26	05/23/14	LOW WATER
RC27	03/21/14	
RC27	04/01/14	
RC27	04/07/14	
RC27	04/15/14	COVERED BY SEDIMENTS
RC27	04/24/14	
RC27	05/01/14	
RC27	05/06/14	
RC27	05/23/14	COVERED BY SEDIMENTS
RC28	03/21/14	NO ACCESS
RC28	04/01/14	
RC28	04/07/14	
RC28	04/15/14	
RC28	04/21/14	
RC28	04/28/14	
RC28	05/05/14	
RC28	05/23/14	
RC29	03/21/14	NO ACCESS
RC29	04/01/14	
RC29	04/07/14	
RC29	04/15/14	
RC29	04/21/14	
RC29	04/28/14	
RC29	05/05/14	
RC29	05/23/14	
RC3	03/23/14	
RC3	04/01/14	
RC3	04/07/14	
RC3	04/15/14	
RC3	04/21/14	
RC3	04/28/14	

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
RC3	05/05/14	
RC3	05/23/14	
RC4	03/21/14	
RC4	04/01/14	
RC4	04/07/14	
RC4	04/15/14	
RC4	04/21/14	
RC4	04/28/14	
RC4	05/05/14	
RC4	05/23/14	
RC5	03/24/14	
RC5	04/01/14	
RC5	04/07/14	
RC5	04/15/14	
RC5	04/24/14	
RC5	05/06/14	
RC5	05/23/14	
RC5		
RC6	03/24/14	
RC6	04/01/14	
RC6	04/07/14	
RC6	04/15/14	
RC6	04/24/14	
RC6	05/06/14	
RC6	05/23/14	
RC6		
RC7	03/21/14	
RC7	04/01/14	
RC7	04/07/14	
RC7	04/15/14	
RC7	04/21/14	
RC7	04/28/14	
RC7	05/05/14	
RC7	05/23/14	
RC8	03/21/14	
RC8	04/01/14	
RC8	04/07/14	
RC8	04/15/14	
RC8	04/21/14	
RC8	04/28/14	
RC8	05/05/14	
RC8	05/23/14	
RC9	03/24/14	

Site Number (C1)	Measurement Date (C235)	Remarks (C267)
RC9	04/01/14	
RC9	04/07/14	
RC9	04/15/14	
RC9	04/24/14	
RC9	05/08/14	
RC9	05/23/14	
RC9		

## Appendix E Minute 319 Vegetation Monitoring Methods and Results

### I. Vegetation Monitoring

#### 1. River Corridor Seedling Transect Monitoring:

We assessed seed rain of the principal woody plants, vegetation change (including seedling recruitment), topographic change, and sediment texture and conductivity along 21 transects in Reaches 1 through upper Reach 5, spanning river kilometers 1-93 (miles 1-57.3). Transect length varied depending on channel and floodplain morphology, ranging from 60-417 m (197 -1,368 ft). In 2014, sampling occurred in early March, before the beginning of the pulse flow, in mid-May, approximately four weeks after the cessation of flow releases from Morelos Dam, and again in October, at the end of the growing season. In 2015, sampling occurred in June and October.

Seedling transects were oriented perpendicular to the direction of flow, crossed the primary natural flow channels, and extended above estimates of the highest stage associated with the flood pulse. In some places, areas outside of our initial (March) transect end points were inundated, in which case we extended the transects during our May field campaign. In one case, we re-located a transect upstream of its March location due to extensive human foot traffic in the original transect location. To enable linking vegetation responses to pulse flow hydrology, we located transects to coincide with groundwater and either surface water discharge or stage monitoring sites (see Fig. A-1).

Monitoring of seed rain occurred approximately every two weeks between early March and mid-June. Along each transect, seed rain was quantified by counting seeds on one or two seed traps located just above the expected maximum inundation point at the start of each transect. Traps consisted of a 0.6 m x 0.6 m (2 ft x 2 ft) plywood board coated with Tree Tanglefoot (Tanglefoot®, Contech Enterprises, Inc., Grand Rapids, Michigan) insect trapping material. Seeds that landed on the board were counted and identified to species (*Populus fremontii* – cottonwood; *Salix gooddingii* –willow; *Salix exigua* – sandbar willow; *Tamarix* spp. – saltcedar, and *Baccharis* spp. – seepwillow, Emory’s baccharis). Following each sampling event, seeds and Tanglefoot were scraped from the plywood board and a new coat of Tanglefoot was applied. For each sampling date, we calculated the total number of seeds trapped on the board, per m<sup>2</sup>, by species. In addition, within an approximately 200m (656 ft) wide belt centered on each transect, we estimated how many individuals of each of the woody taxa above were dispersing seed, and the relative abundance of seed dispersal (none, light, moderate, heavy).

To assess vegetation change and seedling recruitment, we noted cover of live vascular plants, litter, and water that intersected our transect line using a line-intercept survey method. For the purposes of this report, we refer to plants that germinated following the pulse flow release as seedlings. We strung a measuring tape along the transect line and recorded the length that each cover type intersected the line. For patches containing new seedlings, which were only present in May, we noted the intercept lengths within a one-meter (3.3 ft) wide belt. We summarize these data by calculating the proportion of each transect intersected by the different cover types, and the proportion of bare ground before and after the pulse flow. We obtained an estimate of new seedling densities observed in May by counting woody seedlings, by species, in one-hundred and twenty-four, 0.25 m<sup>2</sup> (2.69 ft<sup>2</sup>) plots randomly placed within seedling patches.

In October 2014, we added permanent plots along transects containing first year woody riparian seedlings in order to assess seedling growth and survival over time. We measured length of seedlings zones within the one-meter belt and within a 20 m belt upstream of seedling transects. We established plots of 40 m<sup>2</sup> (generally 4 x 10 m, upstream) in the seedling zones and counted the number of seedlings of woody species in the plot, measured heights of ten randomly selected individuals and covers of all species (seedlings, adult individuals, non-perennial species) present in the plot. When the plot had a

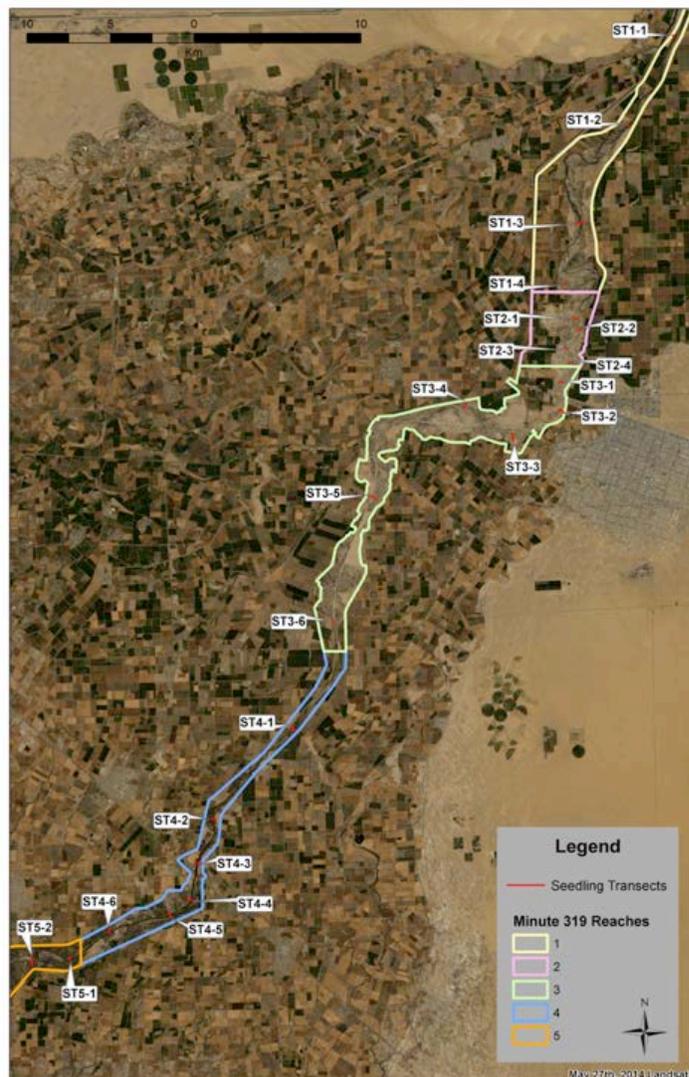
higher density of seedlings we used five subplots of 1 m<sup>2</sup> placed on the corners and middle of the plot to average seedlings density and species cover. We averaged seedlings density from the plots by target species on each transect.

Results are averaged by river reaches 1-5. Seedling density (individuals per 1 m<sup>2</sup>; per 10.8 ft<sup>2</sup>) of each species was calculated from 40m<sup>2</sup> (430.6 ft<sup>2</sup>) seedling plot count data in October 2014 and 2015 (Tables A-1 and A-2). Frequency of species presence was also determined in October 2014 and 2015 by calculating the percentage of transects per reach in which a species was present (within the 1-meter (3.3-ft) belt) (e.g. if willow was present in 4 out of 5 transects, frequency would be 80%).

Along each transect, we also collected physical environmental data, to be used in future analyses relating vegetation pattern to processes associated with the pulse flow. We collected soil samples during March, May, and October 2014 surveys. In March and May one sample (10 cm depth) was collected from each primary geomorphic surface present along the transect. Each sample was a composite of four subsamples and were analyzed for grain size distribution and electrical conductivity (a proxy for salinity). The number of samples varied between surveys due to the difference in transect lengths and locations following the pulse flow release. In addition to this set of samples we included 33 soil surface samples from the limitrophe taken in March before the pulse flow and 27 samples taken in April after the pulse flow. Samples were taken from twenty-three channel cross-sections established in Reach 1, Reach 2 and one transect from Reach 3 on surfaces of different elevations inside the zone most likely to be inundated.

In October 2014, we took 32 soil samples from the seedling plots established along transects. We sampled the corners and middle point of each 40m<sup>2</sup> plot to obtain a composite sample per plot. Maximum survivable soil salinity was based on previous studies, and actual soil salinity was determined per transect and sampling period.

Finally, we surveyed the topography of each transect in both March and May, using a high resolution, RTK-GPS system. Topographic surveys also captured soil sample locations, permanent rebar placed along each transect to enable local registration and transect relocation, and nearby piezometers. Topographic surveys will allow us to relate the local elevation of seedling patches to adjacent river stage and depth to alluvial groundwater. LiDAR-based digital elevation maps will also be used.



**Figure A-1.** Seedling transects locations in Reaches 1-5 of the Colorado River in Mexico.

## 2. Sonoran Institute Laguna Grande Monitoring:

The following section is on monitoring conducted in the Laguna Grande Restoration Area, which is made up of three land concession polygons (see Fig. A-2).



**Figure A-2.** The Laguna Grande Restoration Area is composed of three concession polygons: CILA, Cori, and Laguna Larga.

### 2a. Laguna Grande Transect Vegetation Monitoring:

The objective for monitoring meander belt transects was to determine if cottonwood-willow establishment was achieved by the pulse flow alone (passive restoration), and/or establishment was enhanced by vegetation clearing before the pulse flow (assisted passive restoration). To achieve these objectives, Sonoran Institute determined the presence and density of native trees and shrubs established in:

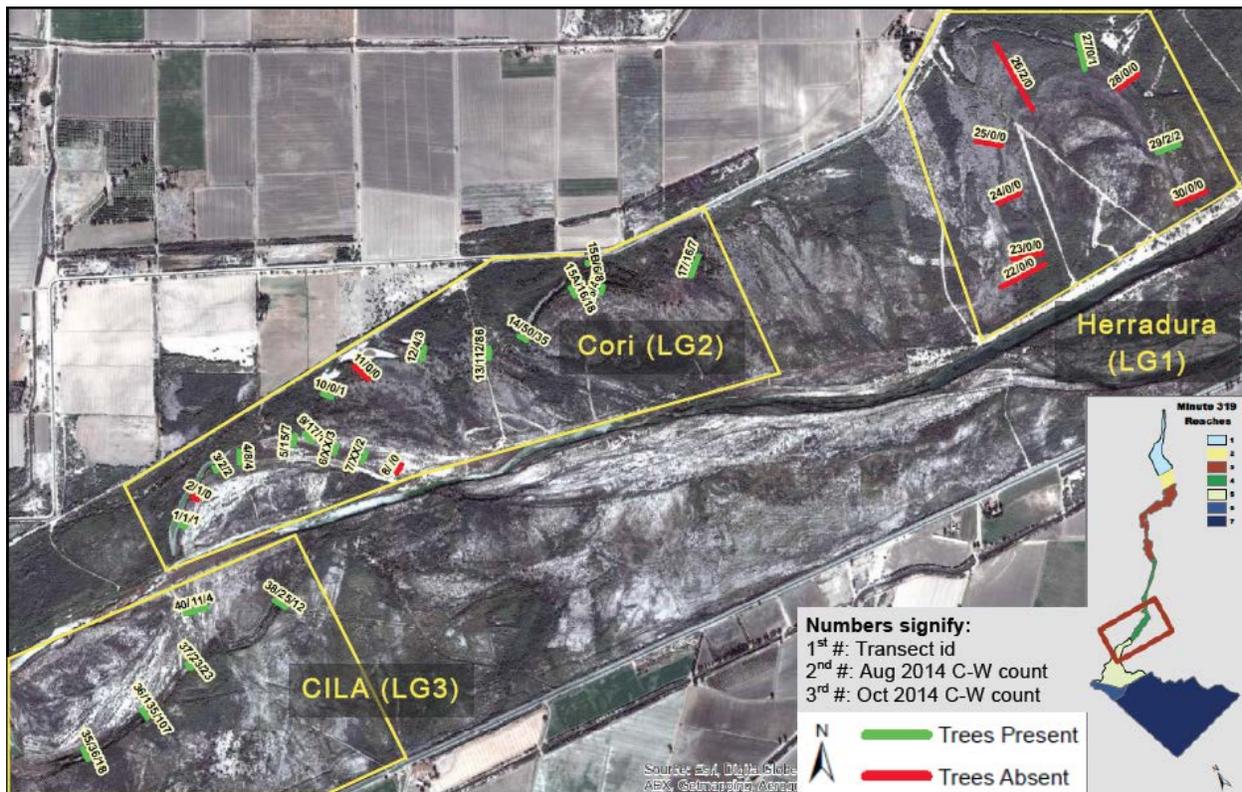
1. Un-cleared areas that were not inundated during the pulse flow (control).
2. Un-cleared areas that were inundated during the pulse flow (passive).
3. Cleared areas that were inundated during the pulse flow (assisted passive).
4. Cleared areas that were not inundated during the pulse flow (cleared).

To detect establishment in control areas, we monitored transects in Laguna Grande in areas that were not inundated or cleared (populated by saltcedar and arrowweed). To detect establishment in passive areas, we monitored transects along adjacent a meander at Laguna Grande that was inundated during the pulse flow, but was not cleared beforehand. To determine if clearing and inundation increased passive establishment, we monitored transects in assisted passive areas within the Laguna Grande restoration polygons – areas that were cleared before the pulse flow and experienced inundation for at least some

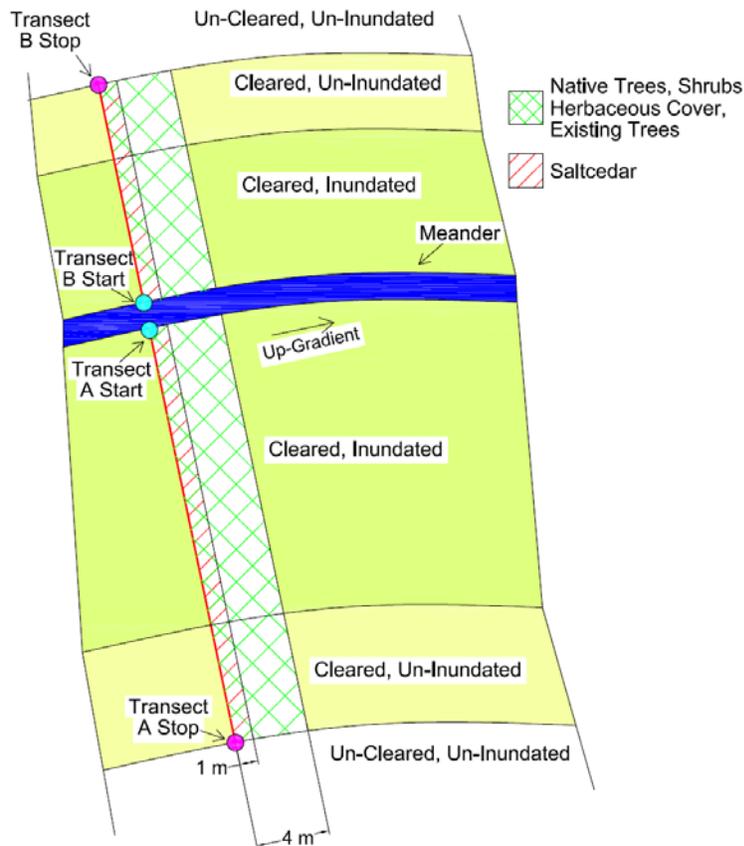
portion of the pulse flow delivery. To detect establishment in cleared areas, we surveyed cleared areas in Laguna Cori and CILA that were anticipated to be inundated but did not actually experience surface flows.

Management and inundation categories were delineated using GIS (see Fig. A-3). Modeling projections for the Minute 319 pulse flow were used to determine areas likely to be inundated. For “control” monitoring, four transects were placed in reference areas in the Laguna Cori polygon. For “passive” monitoring, and four transects were placed in the Laguna Grande restoration area but outside of the concession polygons. For “assisted passive” monitoring, 35 transects were placed approximately every 400 m perpendicular to the bottom of constructed and existing meanders. For “cleared” area monitoring, we planned to extend the “assisted passive” transects to the edge of clearing. However, no establishment was observed in areas far from inundation areas, and transects were instead ended at the end of the recruitment zone.

Start and end points for transects were adjusted based on field conditions. Belts were started at the water edge where surface water remained, or at the bottom of the channel if surface water was no longer present, and extended perpendicular from the channels until they exited the zone of inundation. When both sides of the meander were similarly prepared, an “A” and “B” side was monitored. When only one side of the meander had been cleared, only that side was monitored. For each belt transect, we monitored the number, length interval, and cover of existing and seedling trees and shrubs, and length interval and cover of herbaceous vegetation. The monitoring schematic is shown in Figure A-4. A pilot monitoring effort was completed in August 2014 to confirm the ideal belt transect width for assisted passive areas. In October 2014, a full survey was completed; all assisted passive, cleared, and control transects were surveyed. Transects were surveyed again in May and October 2015.



**Figure A-3.** Laguna Grande transect locations (green and red lines) within the three restoration sites: Herradura (LG1), Cori (LG2), and CILA (LG3). Green lines represent transects where native trees were present in 2014, while red lines represent transects where native trees were absent in 2014.



**Figure A-4.** Schematic for passive vegetation establishment monitoring at Laguna Grande

Density estimates of plant species along the Laguna Grande transects were not directly comparable to density calculated for seedling plots in the reaches due to differences in scale and monitoring methods. Differences include methods used to determine placement, size, and orientation of the long-term monitoring plots. For the Laguna Grande transects, we calculated density of all species in 4x5 meter sections along the transect where any seedling was present (Tables A-3 and A-4). The comparison between Laguna Grande transect density and river corridor seedling transect density likely underestimates density of plants in the Laguna Grande area. Frequency however, is a direct comparison the prepared and the unprepared sites.

Although baseline vegetation cover data was not collected in March 2014 along Laguna Grande transects, existing vegetative cover was recorded during October 2014 and May 2015 transect surveys. Percent bare soil was calculated by subtracting the visually estimated vegetation cover (excluding new seedling establishment) from 100. Surface flow volumes in Laguna Grande were not great enough to cause vegetation scour or sediment erosion and deposition; thus, we assume that environmental flows did not create new bare surfaces and that existing vegetation and bare soil cover in May 2015 was approximately representative of cover in March 2014.

## **2b. Vegetation Monitoring in Planted, Irrigated Restoration Areas:**

For the first two growing seasons after planting, restored areas were divided into monitoring sections based on land preparation and species planting layout. Within sections, rows of vegetation were numbered, and a subset was randomly selected for monitoring. Within each selected row, live and dead

trees were counted. These numbers were be used to estimate tree density and survival rate for each section. Four trees in the selected row were randomly selected and measured for height and diameter at breast height (dbh). Tree condition was recorded into classes as follows:

- Good condition: Trees that appear to be healthy with green leaves and little to no leaf discoloration or pest infestation.
- Poor condition: Trees that have a majority of brown and/or discolored leaves, or have high level of pest infestation, and appear to be dying.
- Dead.

This monitoring was conducted two months and four months after planting (first year vegetation), and twice in 2015 (April and October) for second-year planting areas. For 2014, 25 sections were monitored using these methods.

### **2c. Laguna Grande Soils Monitoring:**

Soil salinity monitoring was implemented in cleared areas within Laguna Cori during 2014 to determine pre (March 2014) and post-pulse (October 2014) flow salinity along historic channel meanders. An EM38 sensor (Geonics Limited, Mississauga, Ontario, Canada) was used to determine bulk electrical conductivity following methods from the US Salinity Laboratory (Lesch et al. 2000). A transect monitoring design was completed, whereby one transect was monitored perpendicular to meanders approximately every 50 m (estimated roughly by pacing). Along each transect, a reading was obtained every 10 to 15 m. At each point, a horizontal and vertical reading was collected. Actual point locations were recorded using a handheld GPS unit.

The ESAP program (US Department of Agriculture, Agricultural Research Service, Riverside, California, USA) was used to select sample locations for calibration of bulk electrical conductivity readings. Selected locations were sampled on 1-foot (30 cm) intervals and laboratory tested for soil texture, saturated paste extract (SPE) electrical conductivity (EC), and moisture content. Laboratory results were used to provide a predictive equation to estimate soil EC from EM38 horizontal and vertical readings at all monitoring points. ESAP is used to optimize sampling locations for each monitoring even, so the same locations were not laboratory-tested for both events.

The results were interpolated using ArcGIS to show the spatial distribution of pre- and post-pulse flow soil salinity across Laguna Cori. Interpolation grid cells values were used to estimate changes in 0-4 foot (0-1.2 meter) and 3-4 foot (0.9-1.2 meter) SPE EC between sampling dates. Cumulative probability density functions were used to determine the number of grid cells that fell below SPE EC tolerance thresholds for native species.

## II. Vegetation Monitoring Results (Additional Tables)

The following key plant taxa are referred to in the tables below:

- Fremont cottonwood (*Populus fremontii*; species code: POFR);
- Goodding's willow (*Salix gooddingii*; SAGO);
- Seep-willow and Emory's baccharis (*Baccharis* species; BASP);
- Tamarisk (*Tamarix* species; TASP)

### 1. Seedling Transect Densities (Unprepared Sites):

Reach	Species	Mean Density (ind/m <sup>2</sup> )	N	Standard Error	Ind/ft <sup>2</sup>	Ind/ha	Ind/Acre
1	SAGO	4.000	4	4.000	0.37	40000	16187.5
1	POFR	0.006	4	0.006	0.00	60	24.3
1	BASP	0.513	4	0.496	0.05	5130	2076.0
1	TASP	5.508	4	3.663	0.51	55080	22290.1
2	TASP	0.371	4	0.301	0.03	3710	1501.4
3	TASP	0.805	5	0.441	0.07	8050	3257.7
4	BASP	0.190	6	0.190	0.02	1900	768.9
4	TASP	7.373	6	7.318	0.68	73730	29837.5
5	TASP	0.163	2	0.163	0.02	1630	659.6

**Table A-1.** Density of riparian woody species in seedling transects at the end of the growing season 2014.

Reach	Species	Mean Density (ind/m <sup>2</sup> )	N	Standard Error	Ind/ft <sup>2</sup>	Ind/ha	Ind/Acre
1	SAGO	0.044	4	0.044	0.00	440	178.1
1	POFR	0.006	4	0.006	0.00	60	24.3
1	BASP	0.251	4	0.208	0.02	2510	1015.8
1	TASP	0.360	4	0.262	0.03	3600	1456.9
2	TASP	0.118	4	0.094	0.01	1118	477.5
3	TASP	0.204	5	0.086	0.02	2040	825.6
4	TASP	0.220	6	0.195	0.02	2200	890.3
5	TASP	0.200	2	0.200	0.02	2000	809.4

**Table A-2.** Density of riparian woody species in seedling transects at the end of the growing season 2015.

## 2. Laguna Grande Transect Densities (Prepared Sites):

Reach	Species	Mean Density (ind/m <sup>2</sup> )	N	Standard Error	Ind/ft <sup>2</sup>	Ind/ha	Ind/acre
LG1	POFR	0.001	9	0.001	0.0001	11	4.5
LG1	SAGO	0.003	9	0.003	0.0003	25	10.1
LG1	TASP	5.02	9	0.800	0.47	50155	20305.7
LG2	BASP	0.13	18	0.072	0.01	1338	541.9
LG2	POFR	0.03	18	0.018	0.003	311	125.9
LG2	SAGO	0.15	18	0.061	0.01	1476	597.6
LG2	TASP	8.15	18	1.232	0.76	81548	33015.6
LG3	BASP	0.09	5	0.049	0.01	850	344.1
LG3	POFR	0.14	5	0.089	0.01	1417	573.5
LG3	SAGO	0.43	5	0.256	0.04	4250	1720.6
LG3	TASP	3.47	5	1.071	0.32	34733	14062.1

**Table A-3.** Density of riparian woody species in Laguna Grande transects at the end of the growing season 2014.

Site	Species	Mean Density (ind/m <sup>2</sup> )	N	Standard Error	Ind/ft <sup>2</sup>	Ind/ha	Ind/Acre
LG1	TASP	2.04	9	0.452	0.19	20437	8274.3
LG2	BASP	0.05	18	0.046	0.005	516	209.2
LG2	POFR	0.02	18	0.011	0.002	198	80.5
LG2	SAGO	0.05	18	0.025	0.004	468	189.7
LG2	TASP	2.59	18	0.439	0.24	25923	10495.3
LG3	BASP	0.10	5	0.089	0.01	950	384.6
LG3	POFR	0.03	5	0.030	0.00	300	121.5
LG3	SAGO	0.19	5	0.094	0.02	1850	749.0
LG3	TASP	3.08	5	1.820	0.29	30800	12469.6

**Table A-4.** Density of riparian woody species in Laguna Grande transects at the end of the growing season 2015.

# Appendix F. Pulse Flow Repeat Photographs

## About these photographs

This collection of photographs is part of an effort to monitor effects of the Colorado River “pulse flow” made possible by the Minute 319 agreement between Mexico and the United States. They are intended to show conditions before, during, and after the pulse flow by repeating the exact location and direction of each image.

These photographs were taken by staff of The Nature Conservancy, supported by a grant from the Terra Foundation. They may be used, with attribution, for scientific or other non-commercial purposes. Please provide credit to:

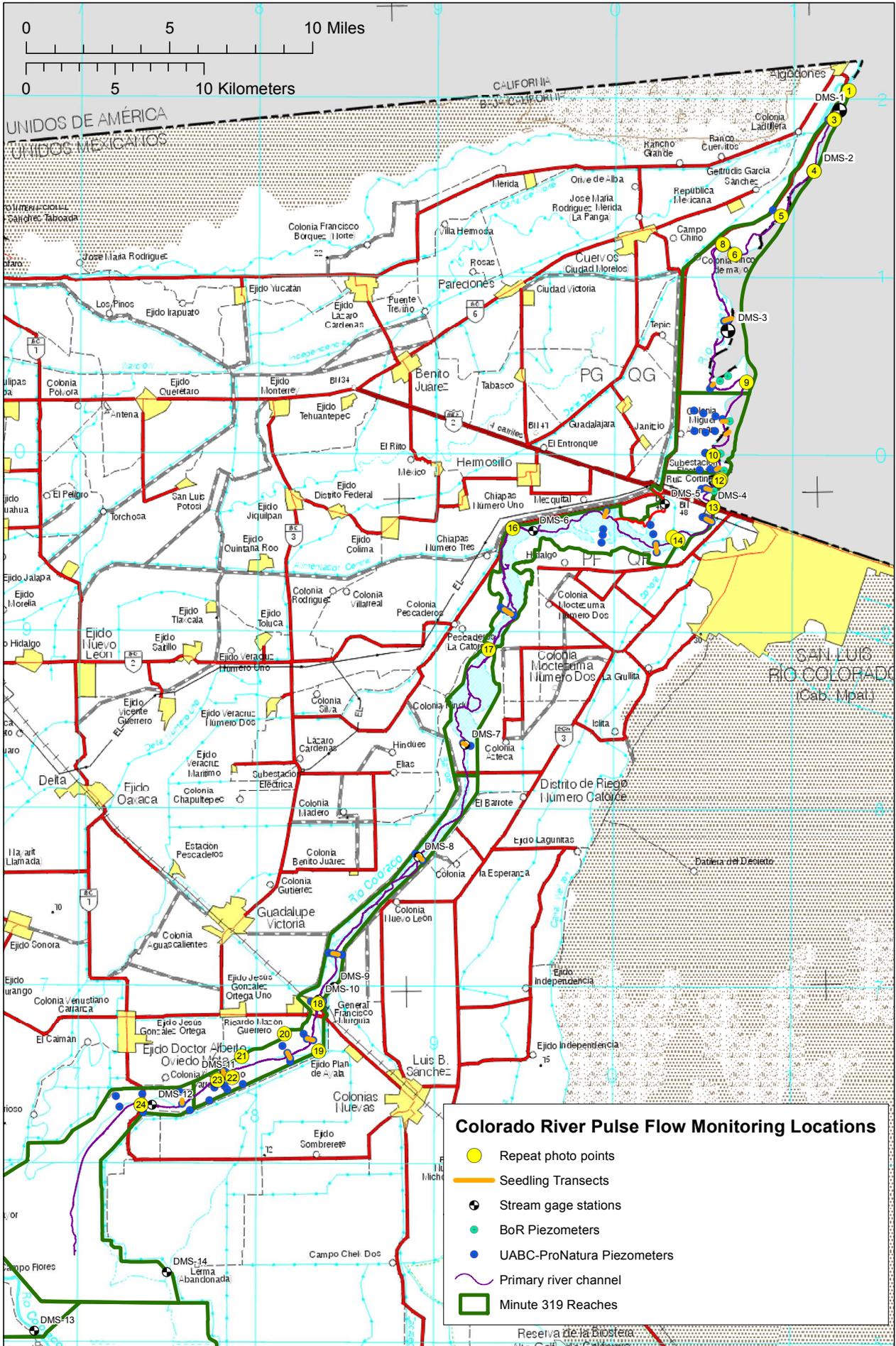
Dale Turner / The Nature Conservancy.

For further information about these photographs, contact:

Dale Turner  
[dturner@tnc.org](mailto:dturner@tnc.org)  
520-545-0182

Photographs were taken at fixed points, as shown on the map included here. The number of photos at a point ranged from one to three, depending on site conditions. Detailed data were collected for each photo, including locality coordinates, azimuth for center of view, and vertical tilt.

The original set of photographs was taken during March 18-21, 2014, the week prior to beginning of the pulse flow. The second set of photographs was intended to capture the peak flow, and was taken between March 27 and April 10. The third set was taken six months after the peak flow, September 27-30, 2014.



**Point 1, 20 March 2014**



**Point 2, 20 March 2014**



**Point 1, 28 March 2014**



**Point 2, 28 March 2014**



**Point 1, 28 September 2014**



**Point 2, 28 September 2014**



**Point 2, 20 March 2014**



**Point 3, 20 March 2014**



**Point 2, 28 March 2014**



**Point 3, 28 March 2014**



**Point 2, 28 September 2014**



**Point 3, 28 September 2014**



**Point 4, 20 March 2014**



**Point 5, 19 March 2014**



**Point 4, 28 March 2014**



*Original photo point under water.*

**Point 5, 29 March 2014**



*Original photo point under water.*

**Point 4, 28 September 2014**



**Point 5, 30 September 2014**



**Point 6, 20 March 2014**



**Point 7, 19 March 2014**



**Point 6, 28 March 2014**



**Point 7, 29 March 2014**



**Point 6, 28 September 2014**



**Point 7, 30 September 2014**



**Point 8, 19 March 2014**



**Point 9, 20 March 2014**



**Point 8, 29 March 2014**



**Point 9, 27 March 2014**



**Point 8, 30 September 2014**



**Point 9, 27 September 2014**



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**Point 11, 20 March 2014**



**Point 10, 29 March 2014**



**Point 11, 27 March 2014**



**Point 10, 30 September 2014**



**Point 11, 27 September 2014**



**Point 12, 20 March 2014**



**Point 13, 21 March 2014**



*Water in channel from drainage canal spill at SIB.*

**Point 12, 27 March 2014**



**Point 13, 29 March 2014**



**Point 12, 29 September 2014**



**Point 13, 29 September 2014**



**Point 13, 21 March 2014**



**Point 14, 19 March 2014**



**Point 13, 29 March 2014**



**Point 14, 28 March 2014**



**Point 13, 29 September 2014**



**Point 14, 29 September 2014**



**Point 15, 18 March 2014**



**Point 15, 18 March 2014**



**Point 15, 28 March 2014**



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**Point 15, 18 March 2014**



**Point 16, 19 March 2014**



**Point 15, 28 March 2014**



**Point 16, 10 April 2014**



**Point 15, 28 September 2014**



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**Point 17, 19 March 2014**



**Point 18, 18 March 2014**



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**Point 17, 28 September 2014**



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Point 19, 18 March 2014



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**Point 20, 21 March 2014**



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**Point 22, 21 March 2014**



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**Point 23, 18 March 2014**



**Point 24, 21 March 2014**



**Point 23, 10 April 2014**



**Point 24, 10 April 2014**



**Point 23, 29 September 2014**



*Original photo completely blocked by arrow-weed.*

**Point 24, 29 September 2014**



## Appendix G

Species within the bird guilds in the Colorado River floodplain.

Nesting Riparian Landbirds	Nesting Waterbirds	Migratory Waterbirds
Abert's Towhee	American Bittern	American Avocet
Anna's Hummingbird	American Coot	American White Pelican
Ash-throated Flycatcher	Black-crowned Night Heron	American Widgeon
Black Phoebe	Black-necked Stilt	Black Skimmer
Black-chinned Hummingbird	Cinnamon Teal	Black Tern
Black-tailed Gnatcatcher	Clapper Rail	Black-bellied Plover
Blue Grosbeak	Common Moorhen	Blue-winged Teal
Brown-headed Cowbird	Great Blue Heron	Brown Pelican
Bullock's Oriole	Great Egret	Bufflehead
Cactus Wren	Green Heron	California Gull
Cliff Swallow	Killdeer	Canada Goose
Common Ground-Dove	Least Bittern	Caspian Tern
Common Yellowthroat	Pied-billed Grebe	Common Merganser
Costa's Hummingbird	Ruddy Duck	Double-crested Cormorant
Crissal Thrasher	Snowy Egret	Eared Grebe
Gila Woodpecker	Virginia Rail	Forster's Tern
Hooded Oriole		Gadwall
Inca Dove		Greater Yellowlegs
Ladder-backed Woodpecker		Green-winged Teal
Lesser Goldfinch		Gull-billed Tern
Northern Mockingbird		Hooded Merganser
Song Sparrow		Least Sandpiper
Verding		Least Tern
Vermillion Flycatcher		Lesser Scaup
Western Kingbird		Long-billed Dowitcher
White-winged Dove		Mallard
Yellow-billed Cuckoo		Marbled Godwit
Yellow-breasted Chat		Northern Pintail
		Northern Shoveler
		Northern Shoveler
		Redhead
		Ring-billed Gull
		Ring-necked Duck
		Semipalmated Plover
		Snow Goose
		Snowy Plover
		Sora
		Spotted Sandpiper
		Western Sandpiper
		Yellow Footed Gull