

Highland City  
Irrigation Basin

Am Fork  
Weir

Composite  
AF Weir

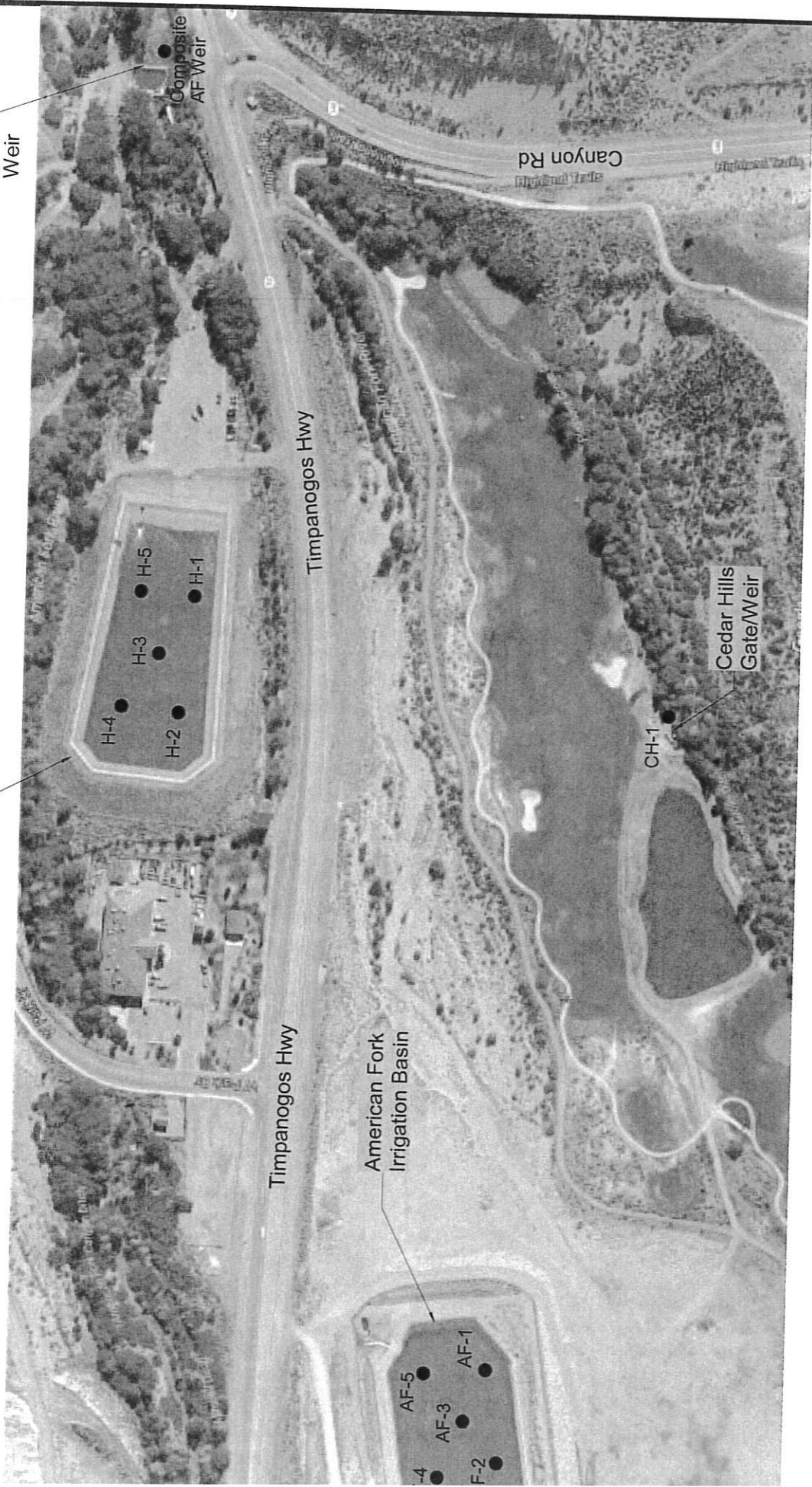
Timpanogos Hwy

Timpanogos Hwy

Canyon Rd

Cedar Hills  
Gate/Weir

American Fork  
Irrigation Basin



**LEGEND**

● Soil Sample Location

NORTH UTAH COUNTY  
WATER CONSERVANCY DISTRICT

**Tibble Fork Reservoir  
(Sediment Sampling)**

**SOIL SAMPLE MAP**

11-17-16

FIGURE

Table 1: Analytical Data from Soil Sediment Samples (mg/kg)  
 American Fork Canyon Weir, Cedar Hills Gate/Weir, Highland Irrigation and American Fork Irrigation ponds  
 Tibble Fork Rehabilitation Project 2016

Sample	Depth	Date Collected	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
AF Weir	Composite	17-Oct-16	28.4	133	4.49	14.7	301	0.34	8.84	1.13
H-1	4"	24-Oct-16	32.9	154	5.76	21.1	406	0.37	10.5	1.16
H-2	4"	24-Oct-16	32.9	148	5.70	20.0	400	0.39	10.1	1.22
H-3	4"	24-Oct-16	50.2	174	9.02	25.8	652	0.63	13.0	2.29
H-4	2"	24-Oct-16	34.4	159	5.60	22.7	392	0.38	12.0	1.05
H-5	4"	24-Oct-16	20.0	108	3.31	17.1	157	0.13	7.78	0.559
AF-1	6"	24-Oct-16	25.9	133	4.15	18.1	259	0.30	9.63	0.832
AF-2	6"	24-Oct-16	10.0	59.2	1.48	11.2	59.6	0.06	5.62	0.630
AF-3	2"	24-Oct-16	13.0	97.9	1.94	12.8	101	0.17	6.04	0.615
AF-4	4"	24-Oct-16	23.0	126	3.60	16.9	219	0.35	9.96	0.989
AF-5	4"	24-Oct-16	34.6	190	5.46	24.6	383	0.32	12.4	1.07
CH-1	2"	24-Oct-16	13.2	139	1.87	13.4	110	0.17	5.98	0.182

Soil samples analyzed by methods SW-2540G, EPA 6010B/3050B, and EPA 7471A  
 All values in mg/Kg