Water Sampling Results

Location	Sample Date	WIPP Isotopic Analyses	
		Results	
		(dpm/L)	(Bq/L)
Sample of Opportunity *	9/13/2014	Below MDC	Below MDC
Sample of Opportunity *	9/13/2014	Below MDC	Below MDC
Sample of Opportunity *	9/13/2014	Below MDC	Below MDC
Sample of Opportunity (Dupe) *	9/13/2014	Below MDC	Below MDC
Sample of Opportunity *	9/13/2014	Below MDC	Below MDC
Sample of Opportunity *	9/13/2014	Below MDC	Below MDC
Blank	9/13/2014	Below MDC	Below MDC
Sample of Opportunity *	8/26/2014	Below MDC	Below MDC
Sample of Opportunity (Dupe) *	8/26/2014	Below MDC	Below MDC
Sample of Opportunity *	8/26/2014	Below MDC	Below MDC
Blank	8/26/2014	Below MDC	Below MDC
Sample of Opportunity *	8/23/2014	Below MDC	Below MDC
Sample of Opportunity (Dupe) *	8/23/2014	Below MDC	Below MDC
Sample of Opportunity *	8/23/2014	Below MDC	Below MDC
Sample of Opportunity *	8/23/2014	Below MDC	Below MDC
Blank	8/23/2014	Below MDC	Below MDC
Indian Tank	8/18/2014	Below MDC	Below MDC
Noya Tank	8/14/2014	Below MDC	Below MDC
Red Tank	8/14/2014	Below MDC	Below MDC
Sample of Opportunity *	8/11/2014	Below MDC	Below MDC
Sample of Opportunity *	8/11/2014	Below MDC	Below MDC
Sample of Opportunity (Dupe) *	8/11/2014	Below MDC	Below MDC
Sample of Opportunity *	8/11/2014	Below MDC	Below MDC
Sample of Opportunity *	8/11/2014	Below MDC	Below MDC
Sample of Opportunity *	8/11/2014	Below MDC	Below MDC
Sample of Opportunity *	8/11/2014	Below MDC	Below MDC
Sample of Opportunity *	8/11/2014	Below MDC	Below MDC
Blank	8/11/2014	Below MDC	Below MDC
Sample of Opportunity *	7/31/2014	Below MDC	Below MDC
Sample of Opportunity *	7/31/2014	Below MDC	Below MDC
Sample of Opportunity *	7/31/2014	Below MDC	Below MDC
Sample of Opportunity *	7/31/2014	Below MDC	Below MDC
Sample of Opportunity *	7/31/2014	Below MDC	Below MDC
Sample of Opportunity (Dupe) *	7/31/2014	Below MDC	Below MDC
Sample of Opportunity *	7/31/2014	Below MDC	Below MDC
Blank	7/31/2014	Below MDC	Below MDC
Sample of Opportunity *	7/22/2014	Below MDC	Below MDC
Sample of Opportunity (Dupe) *	7/22/2014	Below MDC	Below MDC
Sample of Opportunity *	7/22/2014	Below MDC	Below MDC
Sample of Opportunity *	7/22/2014	Below MDC	Below MDC
Sample of Opportunity *	7/22/2014	Below MDC	Below MDC
Blank	7/22/2014	Below MDC	Below MDC

Sample of Opportunity *	7/16/2014	Below MDC	Below MDC
Sample of Opportunity *	7/16/2014	Below MDC	Below MDC
Sample of Opportunity (Dupe) *	7/16/2014	Below MDC	Below MDC
Sample of Opportunity *	7/16/2014	Below MDC	Below MDC
Sample of Opportunity *	7/16/2014	Below MDC	Below MDC
Sample of Opportunity *	7/16/2014	Below MDC	Below MDC
Sample of Opportunity *	7/16/2014	Below MDC	Below MDC
Blank	7/16/2014	Below MDC	Below MDC
Sample of Opportunity *	7/15/2014	Below MDC	Below MDC
Sample of Opportunity (Dupe) *	7/15/2014	Below MDC	Below MDC
Sample of Opportunity *	7/15/2014	Below MDC	Below MDC
Sample of Opportunity *	7/15/2014	Below MDC	Below MDC
Sample of Opportunity *	7/15/2014	Below MDC	Below MDC
Sample of Opportunity *	7/15/2014	Below MDC	Below MDC
Sample of Opportunity *	7/15/2014	Below MDC	Below MDC
Blank	7/15/2014	Below MDC	Below MDC
Sample of Opportunity *	7/3/2014	Below MDC	Below MDC
Sample of Opportunity *	7/3/2014	Below MDC	Below MDC
Sample of Opportunity *	7/3/2014	Below MDC	Below MDC
Sample of Opportunity *	7/3/2014	Below MDC	Below MDC
Sample of Opportunity *	7/3/2014	Below MDC	Below MDC
Sample of Opportunity *	7/3/2014	Below MDC	Below MDC
Sample of Opportunity (Dupe) *	7/3/2014	Below MDC	Below MDC
Blank	7/3/2014	Below MDC	Below MDC
Sample of Opportunity *	7/2/2014	Below MDC	Below MDC
Sample of Opportunity (Dupe)*	7/2/2014	Below MDC	Below MDC
Sample of Opportunity *	7/2/2014	Below MDC	Below MDC
Sample of Opportunity *	7/2/2014	Below MDC	Below MDC
Sample of Opportunity *	7/2/2014	Below MDC	Below MDC
Blank	7/2/2014	Below MDC	Below MDC
Sample of Opportunity *	6/9/2014	Below MDC	Below MDC
Sample of Opportunity *	6/9/2014	Below MDC	Below MDC
Sample of Opportunity *	6/9/2014	Below MDC	Below MDC
Sample of Opportunity (Dupe)*	6/9/2014	Below MDC	Below MDC
Sample of Opportunity *	6/9/2014	Below MDC	Below MDC
Quality Control Blank	6/9/2014	Below MDC	Below MDC
Sample of Opportunity *	5/24/2014	Below MDC	Below MDC
Sample of Opportunity *	5/24/2014	Below MDC	Below MDC
Quality Control Blank	5/28/2014	Below MDC	Below MDC
Blank	4/23/2014	Below MDC	Below MDC
Evaporation Basin A	4/23/2014	Below MDC	Below MDC
SWIC Pond 1	4/23/2014	Below MDC	Below MDC
SWIC Pond 2	4/23/2014	Below MDC	Below MDC
SWIC Pond 2	4/23/2014	Below MDC	Below MDC
Sewage Lagoons	4/16/2014	Below MDC	Below MDC
Sample of Opportunity *	3/26/2014	0.16	0.003
Sample of Opportunity *	3/26/2014	0.091	0.002

Quality Control Blank	3/26/2014	Below MDC	Below MDC
Quality Control Blank	3/16/2014	Below MDC	Below MDC
Sample of Opportunity *	3/16/2014	Below MDC	Below MDC
Sample of Opportunity *	3/16/2014	Below MDC	Below MDC
Sample of Opportunity *	3/16/2014	Below MDC	Below MDC
Sample of Opportunity *	3/16/2014	Below MDC	Below MDC
Brantley Lake	3/14/2014	Below MDC	Below MDC
Coyote Well	3/14/2014	Below MDC	Below MDC
Upper Pecos River	3/14/2014	Below MDC	Below MDC
Carlsbad	3/13/2014	Below MDC	Below MDC
Carlsbad	3/13/2014	Below MDC	Below MDC
Pierce Canyon	3/13/2014	Below MDC	Below MDC
Tut Tank	3/13/2014	Below MDC	Below MDC
Fresh Water Tank	3/12/2014	Below MDC	Below MDC
Hill Tank	3/12/2014	Below MDC	Below MDC
Hill Tank	3/12/2014	Below MDC	Below MDC
Sample of Opportunity *	3/2/2014	1.0	0.017
Sample of Opportunity *	3/2/2014	0.43	0.0071
Quality Control Blank	3/2/2014	Below MDC	Below MDC
Blank	2/19/2014	Below MDC	Below MDC
Evaporation Basin A	2/19/2014	Below MDC	Below MDC
Evaporation Basin A	2/19/2014	Below MDC	Below MDC
Salt Pile Evaporation Pond	2/19/2014	Below MDC	Below MDC
Salt Storage Extension Basin I	2/19/2014	Below MDC	Below MDC
Salt Storage Extension II	2/19/2014	Below MDC	Below MDC
SWIC Pond 1	2/19/2014	Below MDC	Below MDC
SWIC Pond 2	2/19/2014	Below MDC	Below MDC

MDC = Minimum Detectable Concentration (An analytical laboratory limit below which any level present cannot be determined)

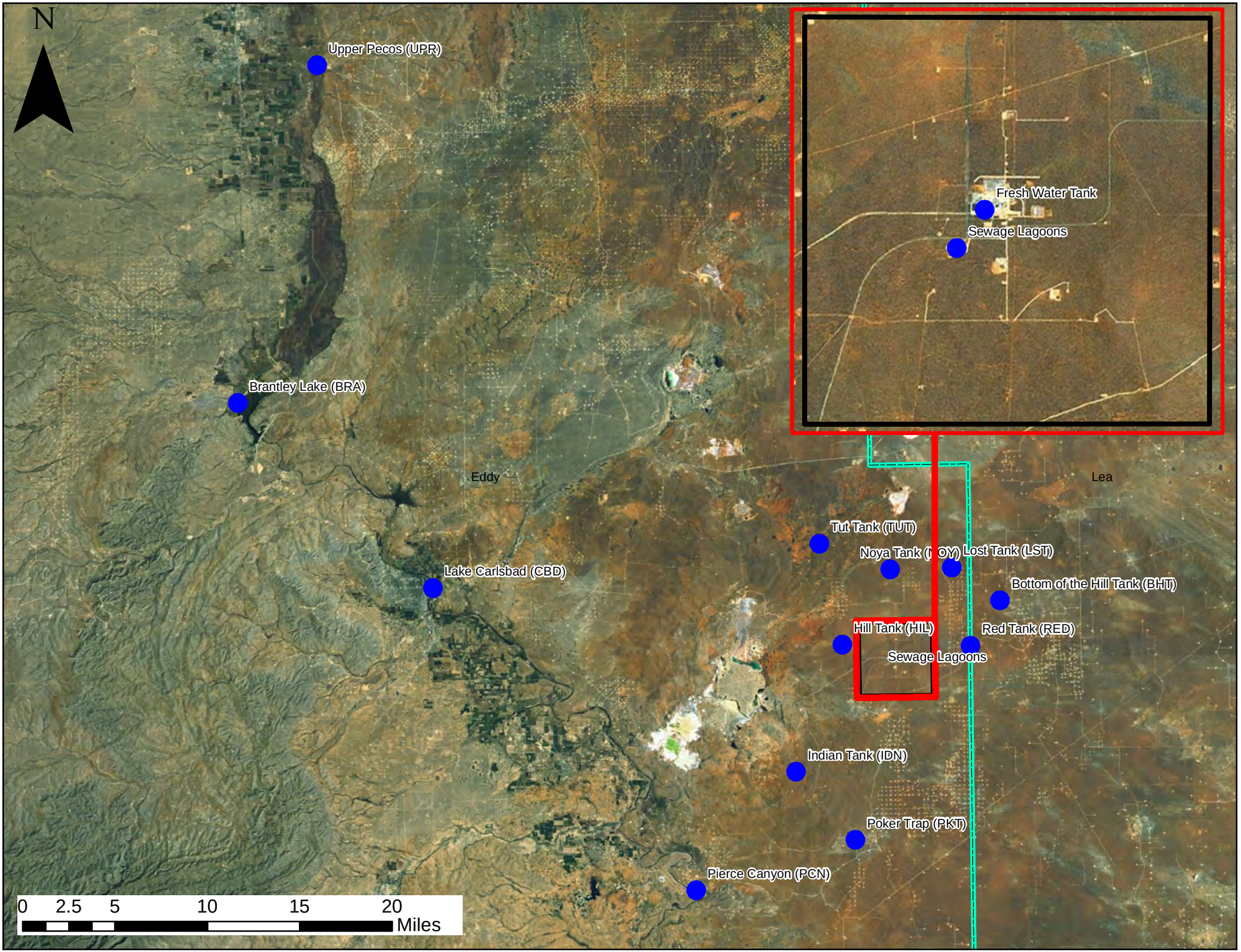
* Samples of opportunity were collected after rain events from WIPP site building roof top and roadway drainage. Highest concentration is about 3% of the EPA drinking water standard for alpha radioactivity.

Sediment Sampling Results

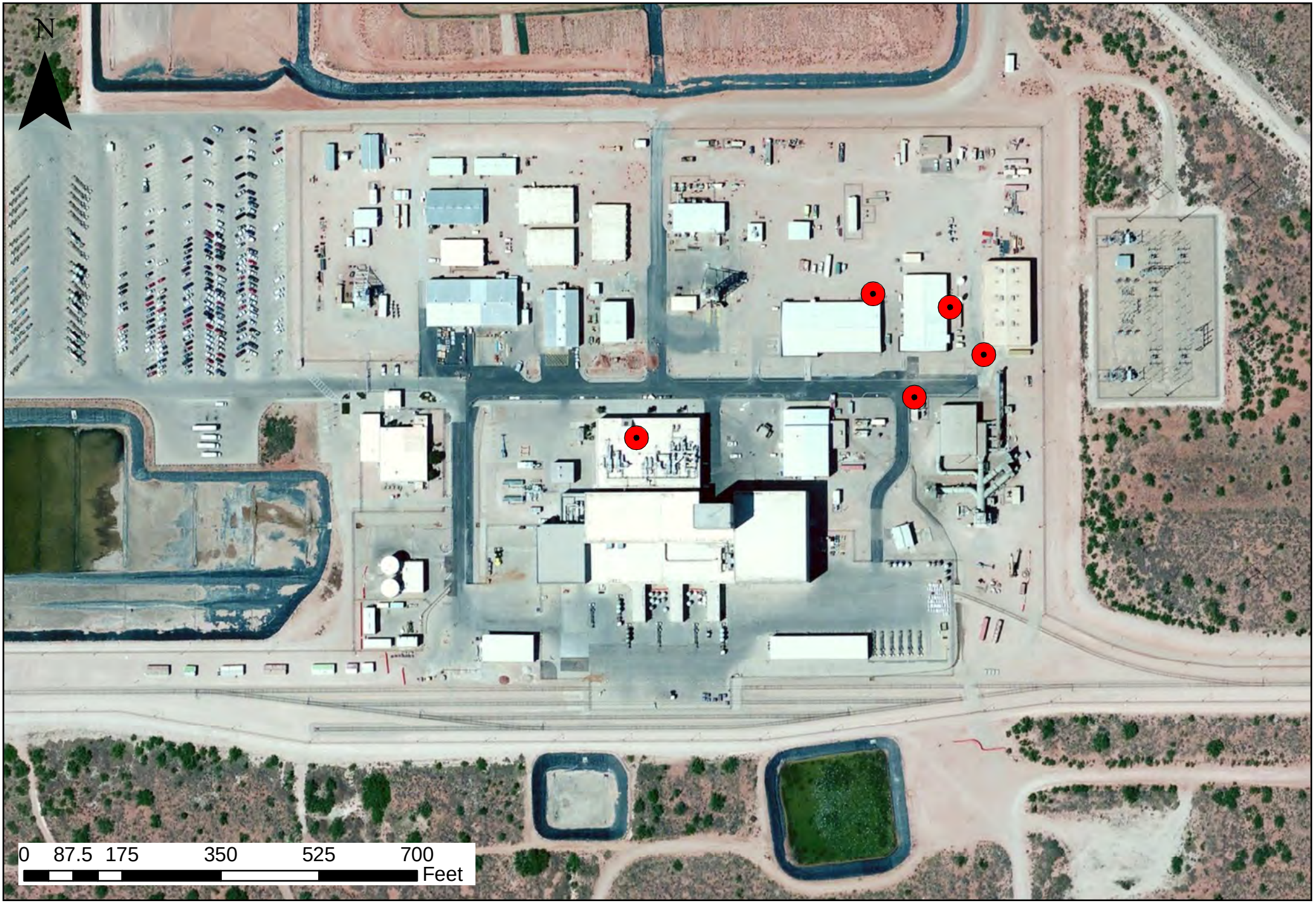
Location	Sample Date	WIPP Isotopic Analyses	
		Results	
		(dpm/g)	(Bq/g)
Brantley	3/14/2014	Below MDC	Below MDC
Upper Pecos River	3/14/2014	Below MDC	Below MDC
Tut Tank	3/13/2014	Below MDC	Below MDC
Pierce Canyon	3/13/2014	Below MDC	Below MDC
Carlsbad	3/13/2014	Below MDC	Below MDC
Carlsbad	3/13/2014	Below MDC	Below MDC
Poker Trap	3/13/2014	Below MDC	Below MDC
Indian Tank	3/13/2014	Below MDC	Below MDC
Red Tank	3/12/2014	Below MDC	Below MDC
Bottom of the Hill Tank	3/12/2014	Below MDC	Below MDC
Noya Tank	3/12/2014	Below MDC	Below MDC
Hill Tank	3/12/2014	Below MDC	Below MDC
Hill Tank	3/12/2014	Below MDC	Below MDC
Lost Tank	3/12/2014	Below MDC	Below MDC

MDC = Minimum Detectable Concentration (An analytical laboratory limit below which any level present cannot be determined)

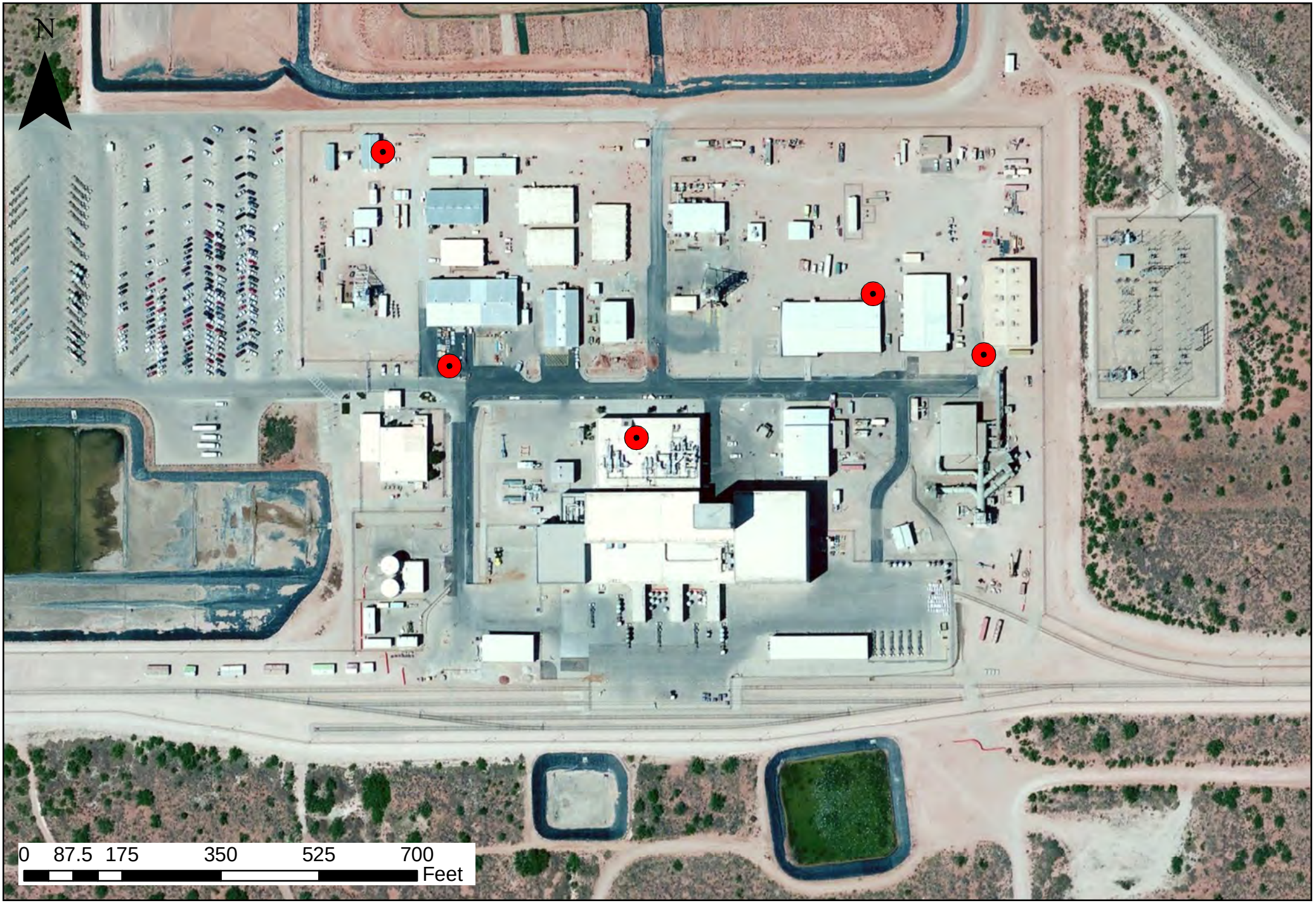
Note: Sediment sample locations are co-located with off-site surface water sample locations. Surface water samples are collected when water is available.


N
Upper Pecos (UPR)
Brantley Lake (BRA)
Eddy
Lea
Lake Carlsbad (CBD)
Tut Tank (TUT)
Noya Tank (NOY)
Lost Tank (LST)
Bottom of the Hill Tank (BHT)
Hill Tank (HIL)
Red Tank (RED)
Sewage Lagoons
Indian Tank (IDN)
Poker Trap (PKT)
Pierce Canyon (PCN)
Fresh Water Tank
Sewage Lagoons
0 2.5 5 10 15 20
Miles

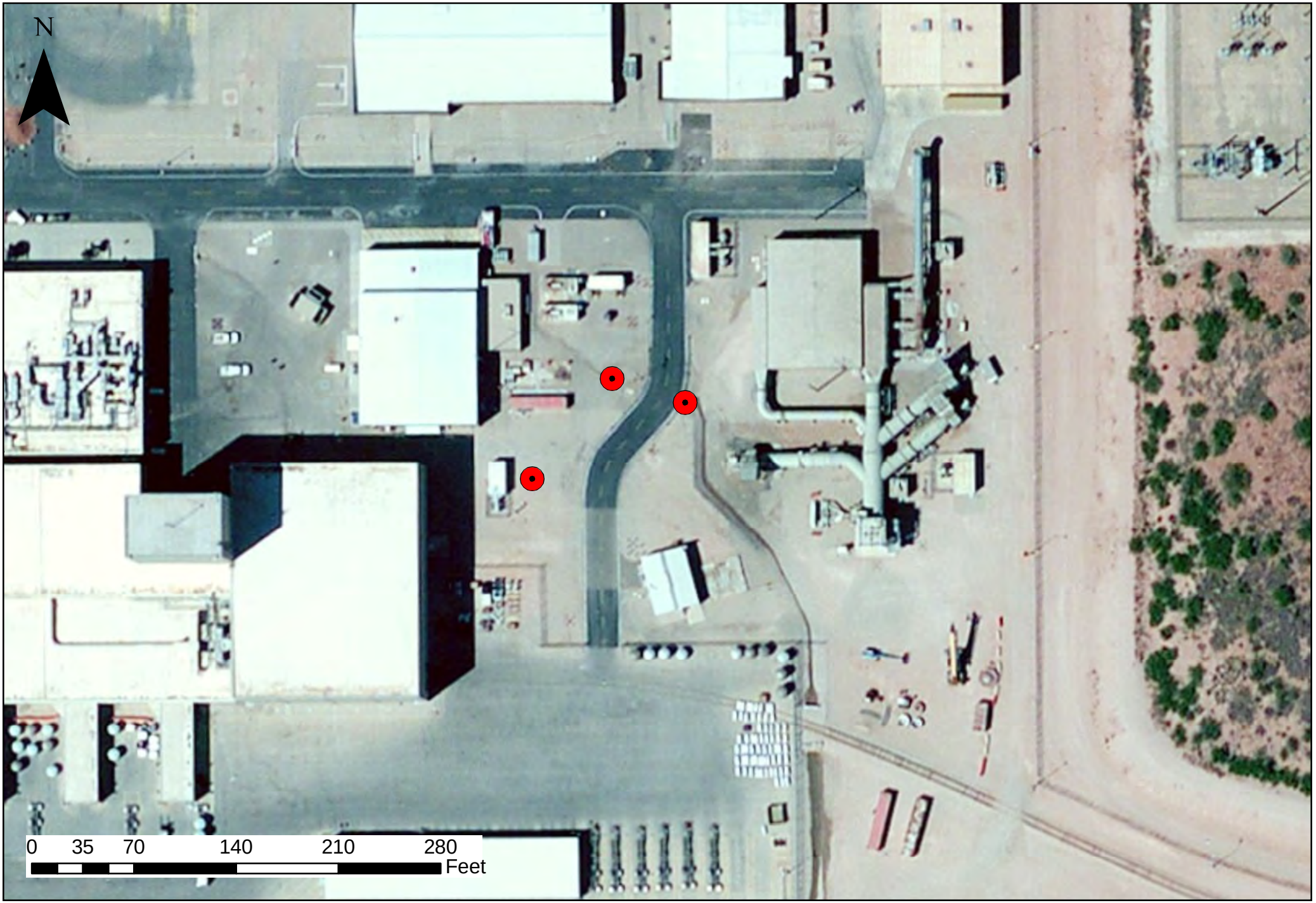
Rainwater Sample Event Composites
March 2, 2014



Rainwater Sample Event Composites
March 26, 2014



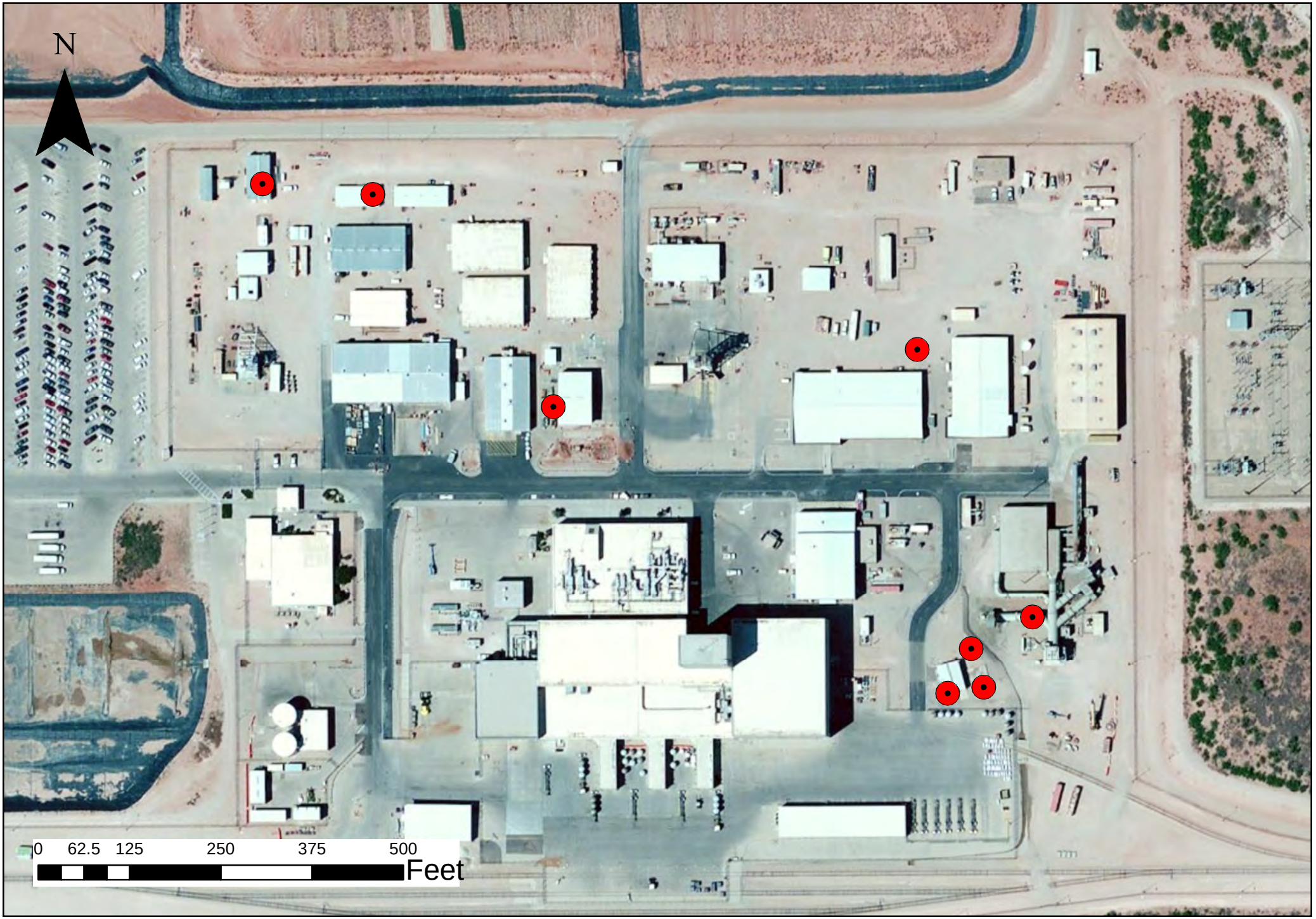
Rainwater Sample Event Composites
May 24, 2014



Rainwater Sample Event Composites
June 9, 2014

Rainwater Sample Event Composites
July 2, 2014

Rainwater Sample Event Composites
July 3, 2014



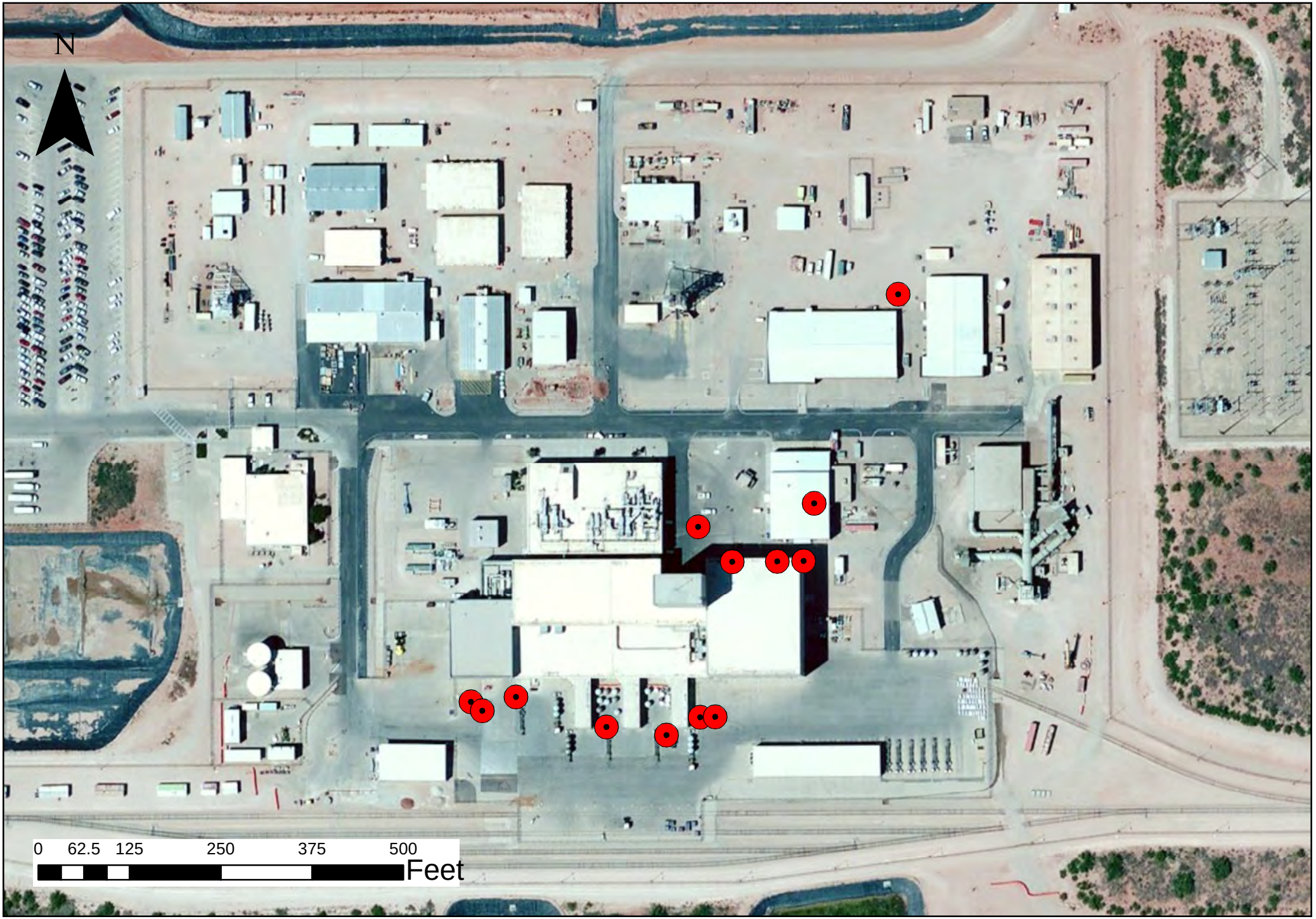
Rainwater Sample Event Composites
July 15, 2014

Rainwater Sample Event Composites
July 16, 2014

Rainwater Sample Event Composites
July 22, 2014

Rainwater Sample Event Composites
July 31, 2014

Rainwater Sample Event Composites
August 11, 2014



Rainwater Sample Event Composites
August 23, 2014

Rainwater Sample Event Composites
August 26, 2014

Rainwater Sample Event Composites
September 13, 2014